

NEWFIELD



September 29, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 7-25-9-15, 11-25-9-15, 13-25-9-15, 14-25-9-15, and 16-26-9-15.

✓
Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 7-25-9-15 and 14-25-9-15 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
OCT 03 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Ashley

8. Lease Name and Well No.

Ashley Federal 16-26-9-15

9. API Well No.

42-013-32913

10. Field and Pool, or Exploratory

~~Monument Data~~ Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area

SE/SE Sec. 26, T9S R15E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SE/SE 491' FSL 563' FEL

569040X 39.996014
4427418Y 110.191255

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximatley 17.1 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 491' f/lse, 491' f/unit

16. No. of Acres in lease

2,286.43

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.

Approx. 1247'

19. Proposed Depth

6000'

20. BLM/BIA Bond No. on file

UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6432' GL

22. Approximate date work will start*

1st Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

9/29/05

Title

Regulatory Specialist

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL

Date

10-05-05

Title

ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

OCT 03 2005

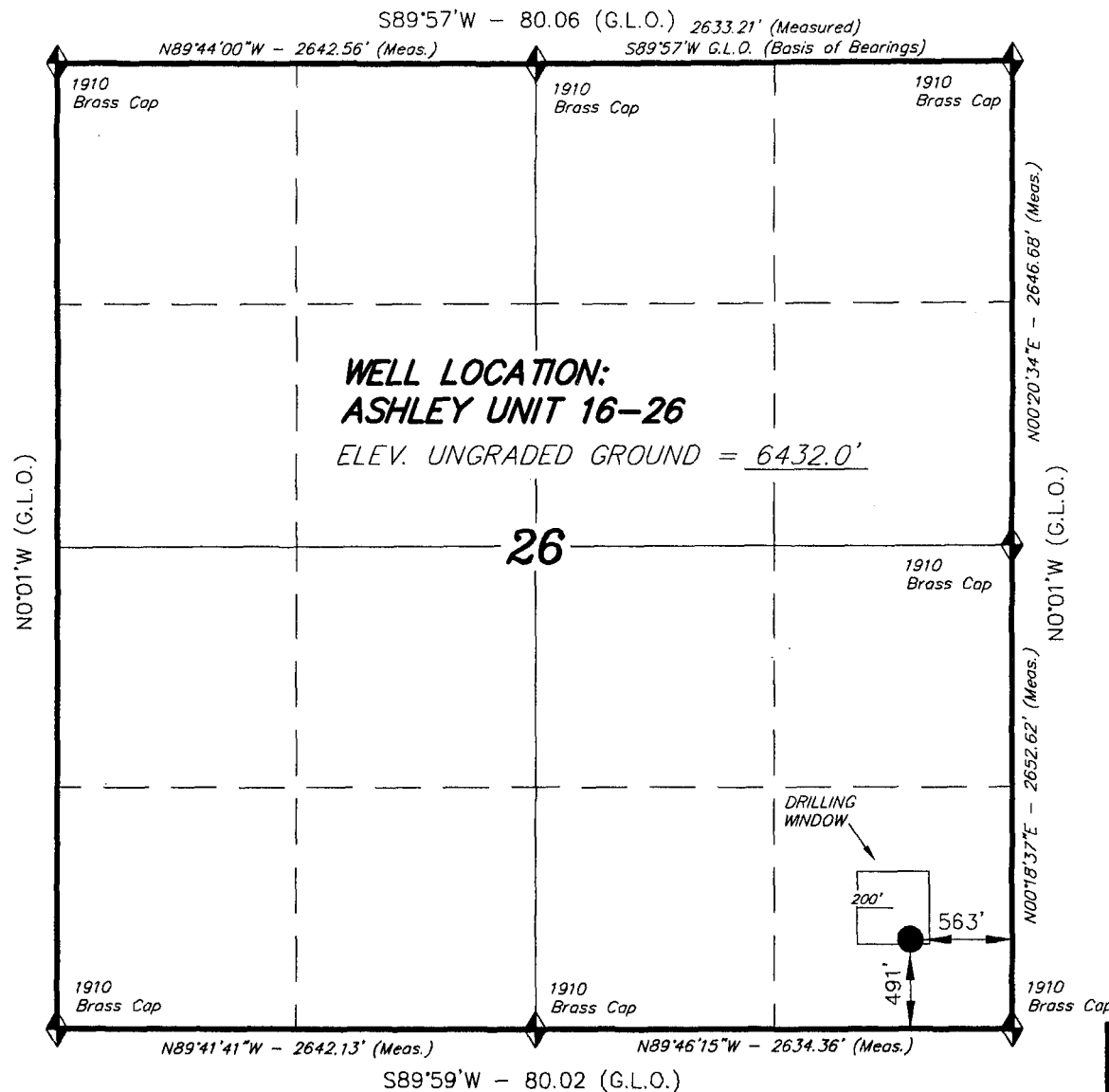
Federal Approval of this
Action is Necessary

DIV. OF OIL, GAS & MINING

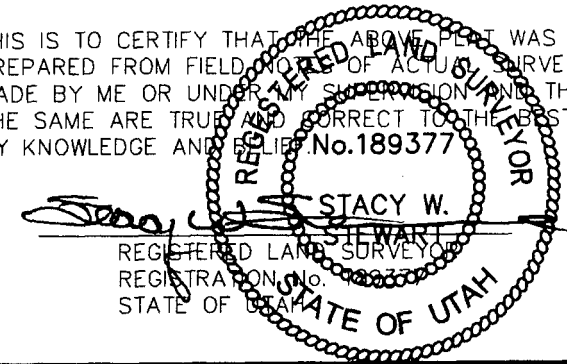
T9S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 16-26,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 26, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (GILSONITE DRAW)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 9-9-05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY
ASHLEY FEDERAL #16-26-9-15
SE/SE SECTION 26, T9S, R15E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2570'
Green River	2570'
Wasatch	6000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2570' – 6000' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
AHSELY FEDERAL #16-26-9-15
SE/SE SECTION 26, T9S, R15E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #16-26-9-15 located in the SE 1/4 SE 1/4 Section 25, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 12.3 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road 7,360' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #16-26-9-15 Newfield Production Company requests 370' of disturbed area be granted in Lease UTU-74391 and 6990' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 370' of disturbed area be granted in Lease UTU-74391 and 6990' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex Confertifolia</i>	3 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Ashley Federal #16-26-9-15 was on-sited on 6/9/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Amy Torres (Bureau of Landmanagement), and Melissa Hawk (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

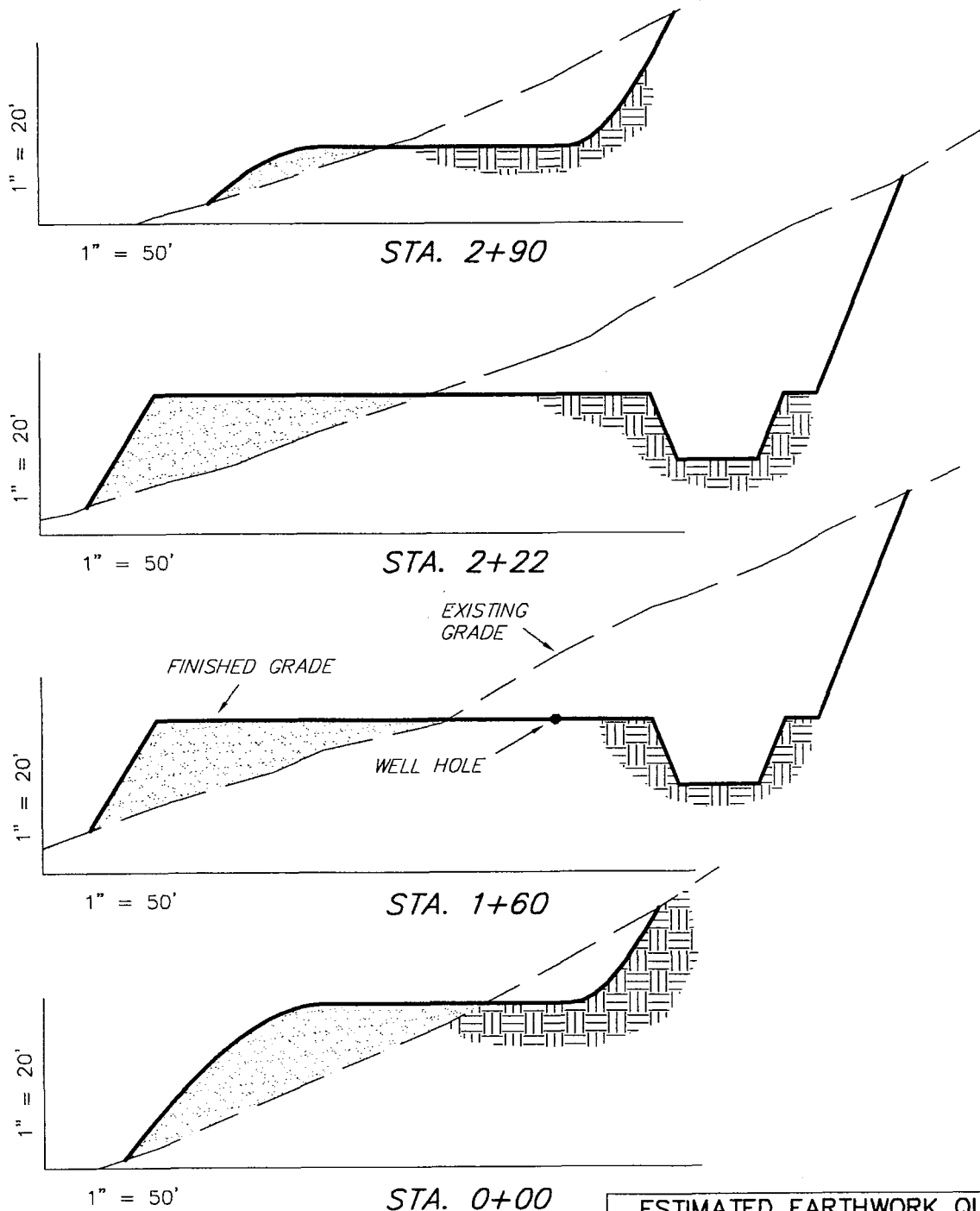
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-26-9-15 SE/SE Section 26, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/29/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS
ASHLEY UNIT 16-26



NOTE:
 UNLESS OTHERWISE NOTED
 CUT SLOPES ARE AT 1:1
 FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	8,310	8,300	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	8,950	8,300	1,180	650

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

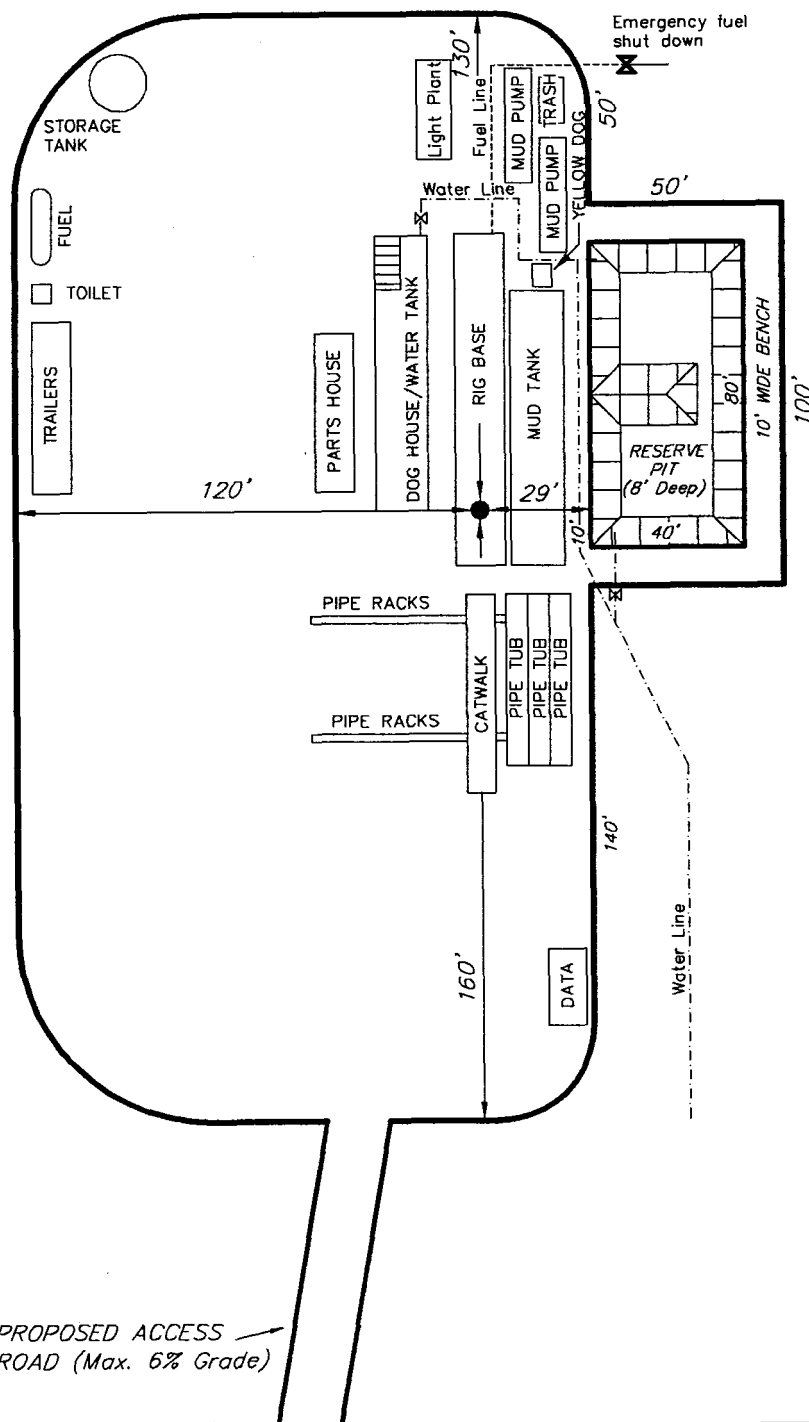
DATE: 9-9-05

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

ASHLEY UNIT 16-26



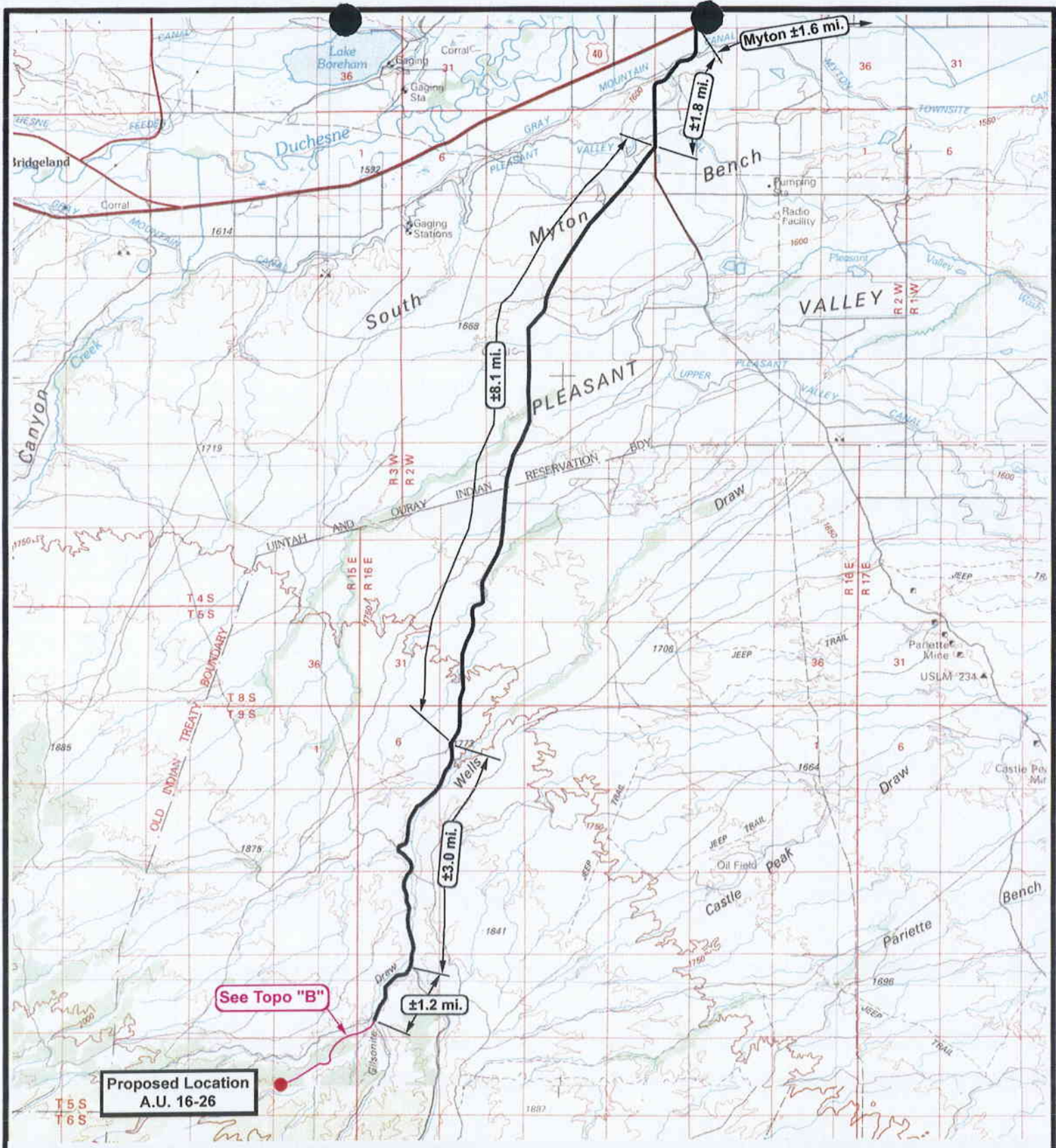
SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

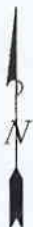
DATE: 9-9-05

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Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

Ashley Unit 16-26-9-15
SEC. 26, T9S, R15E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

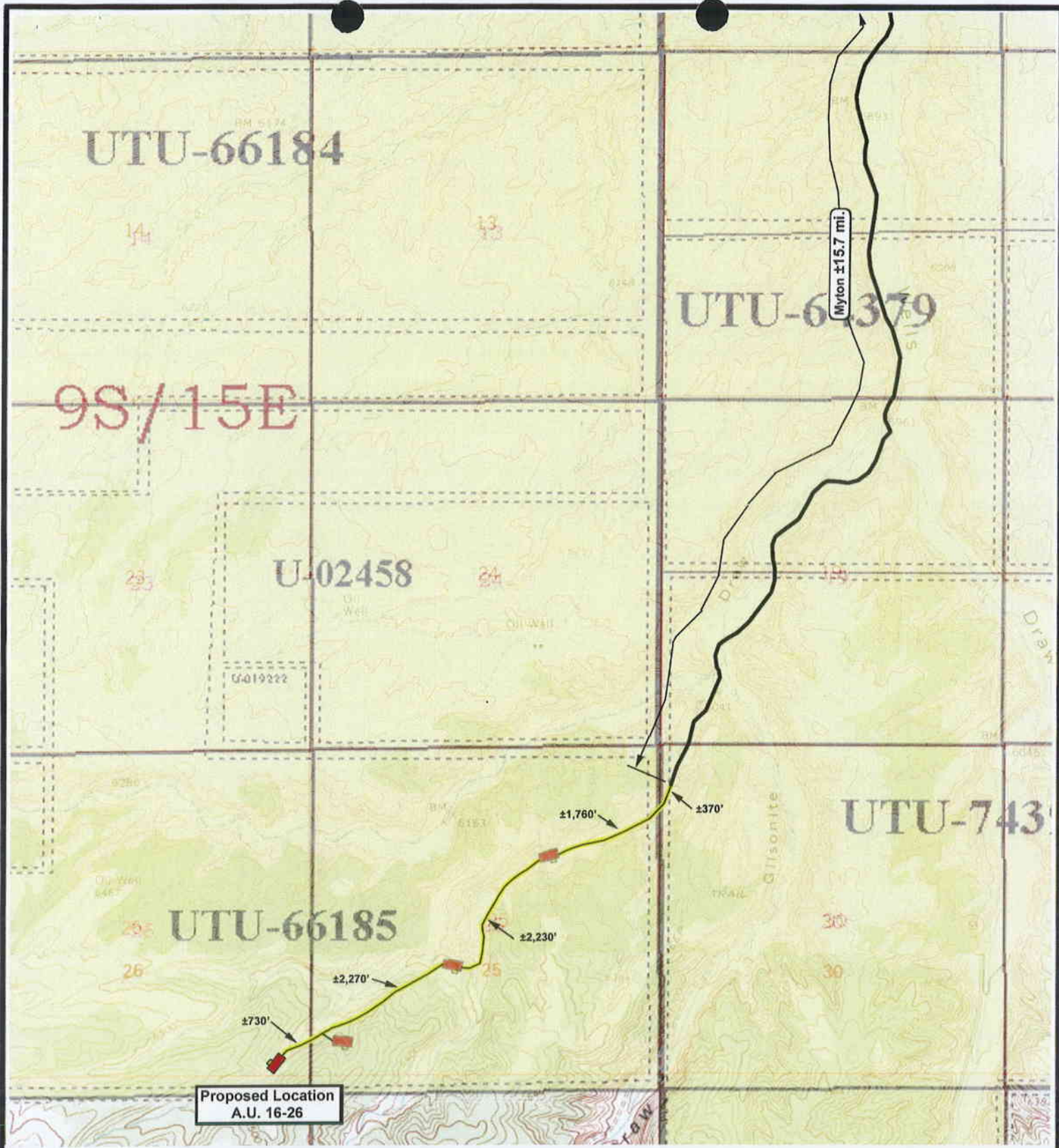
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 09-09-2005

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Ashley Unit 16-26-9-15
SEC. 26, T9S, R15E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 09-13-2005

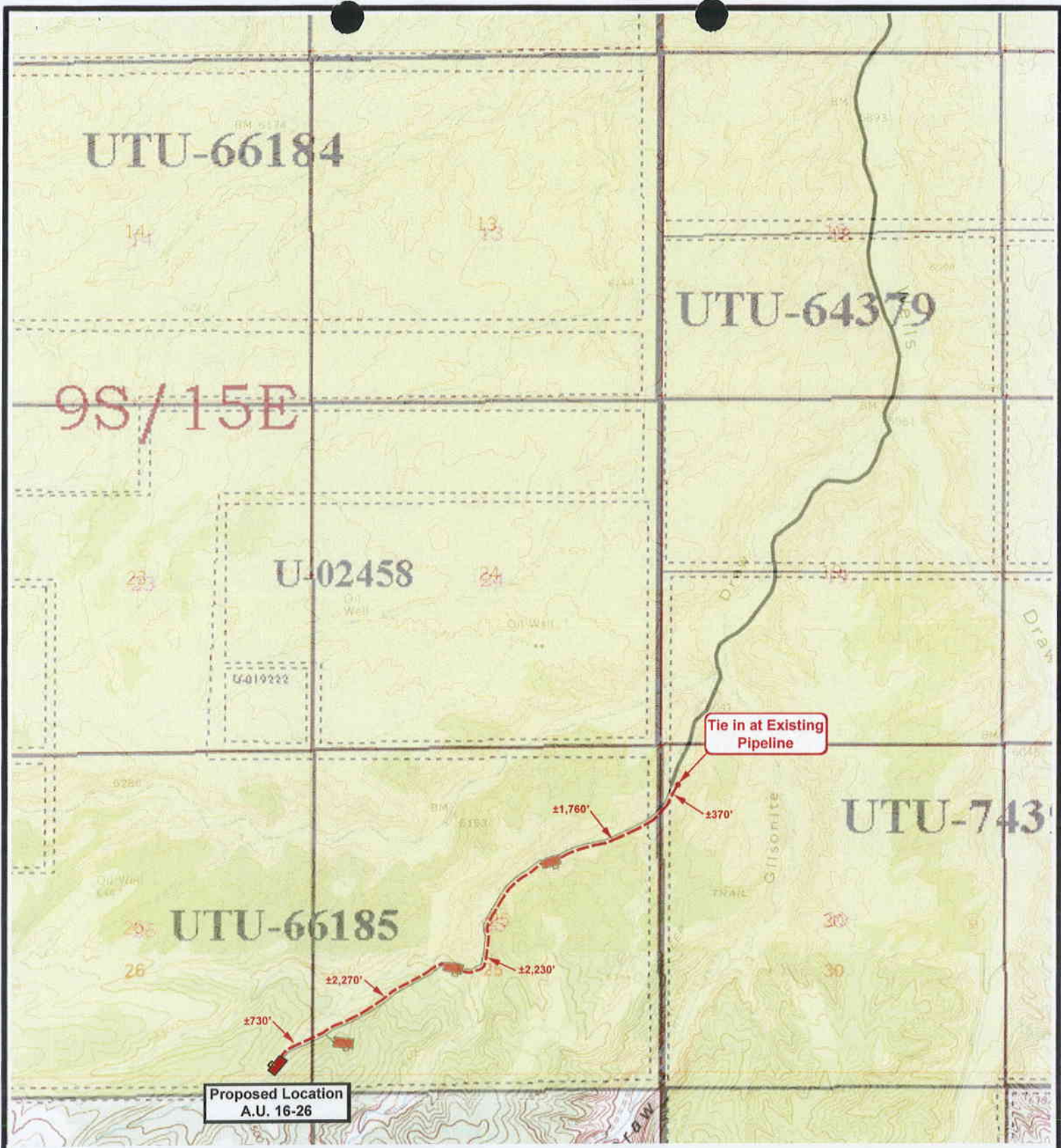
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Ashley Unit 16-26-9-15
SEC. 26, T9S, R15E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

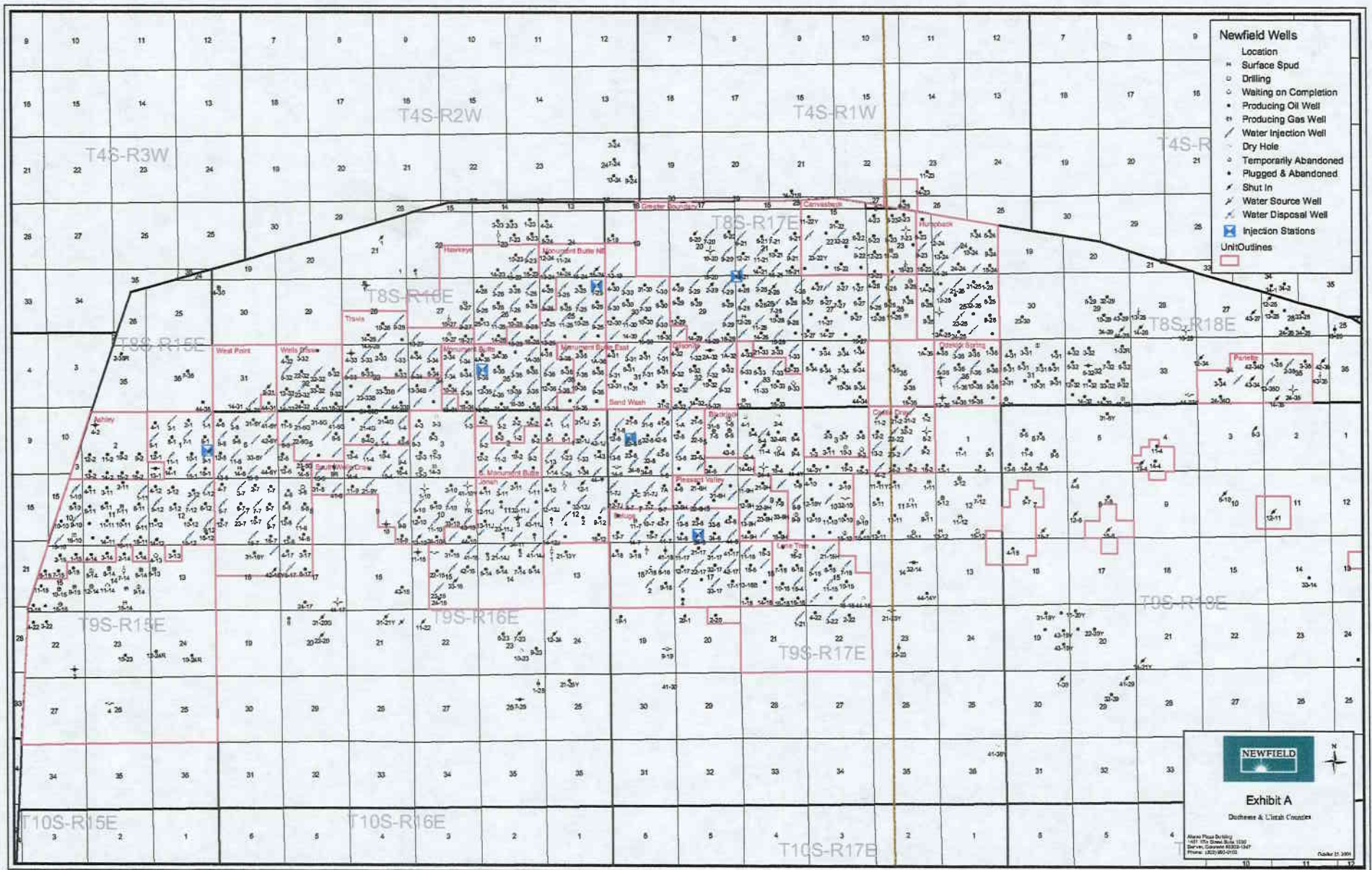
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 09-13-2005

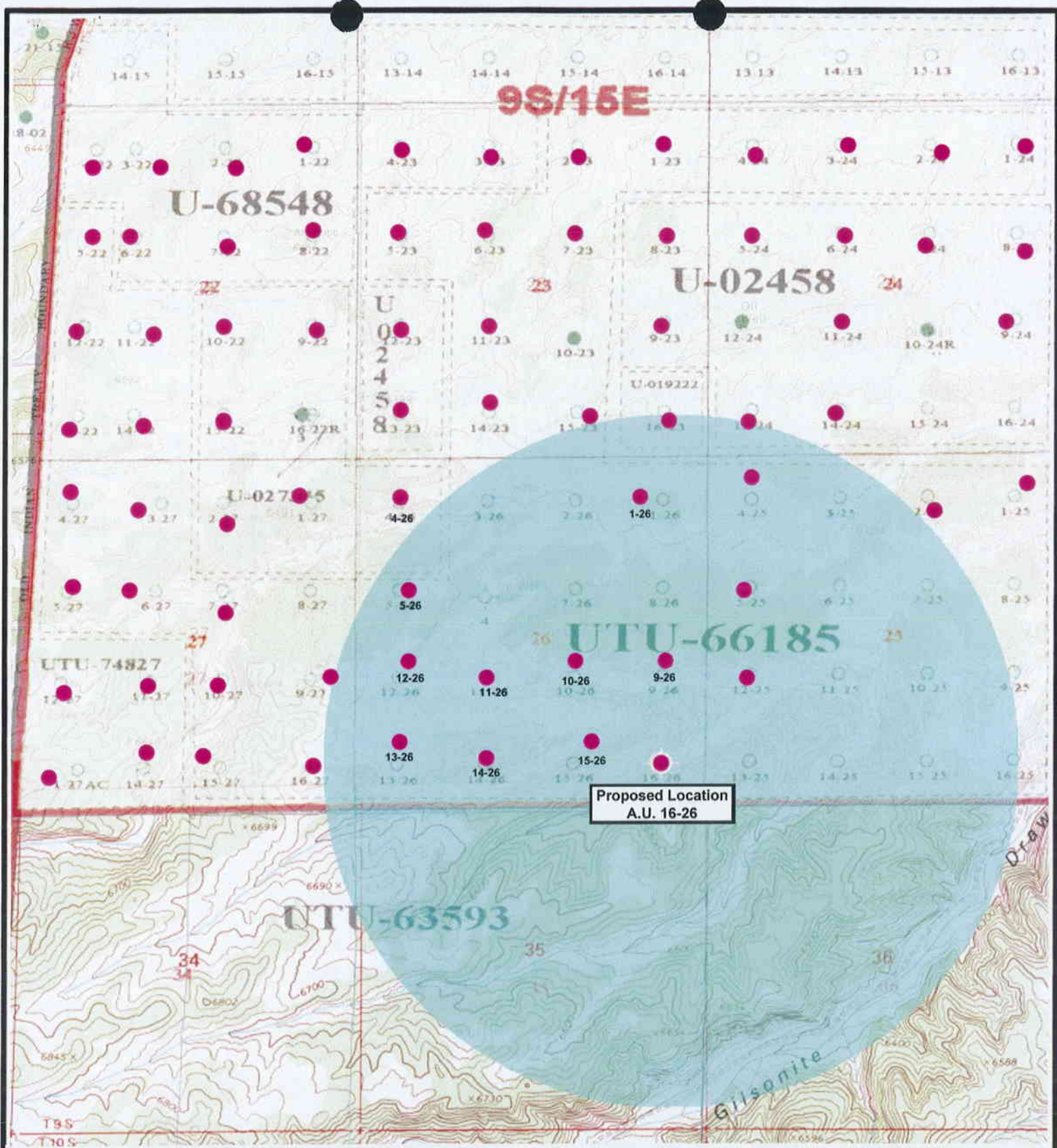
Legend


— Roads
- - - Proposed Gas Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

Ashley Unit 16-26-9-15
SEC. 26, T9S, R15E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 09-13-2005

Legend

● Proposed Location

○ One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

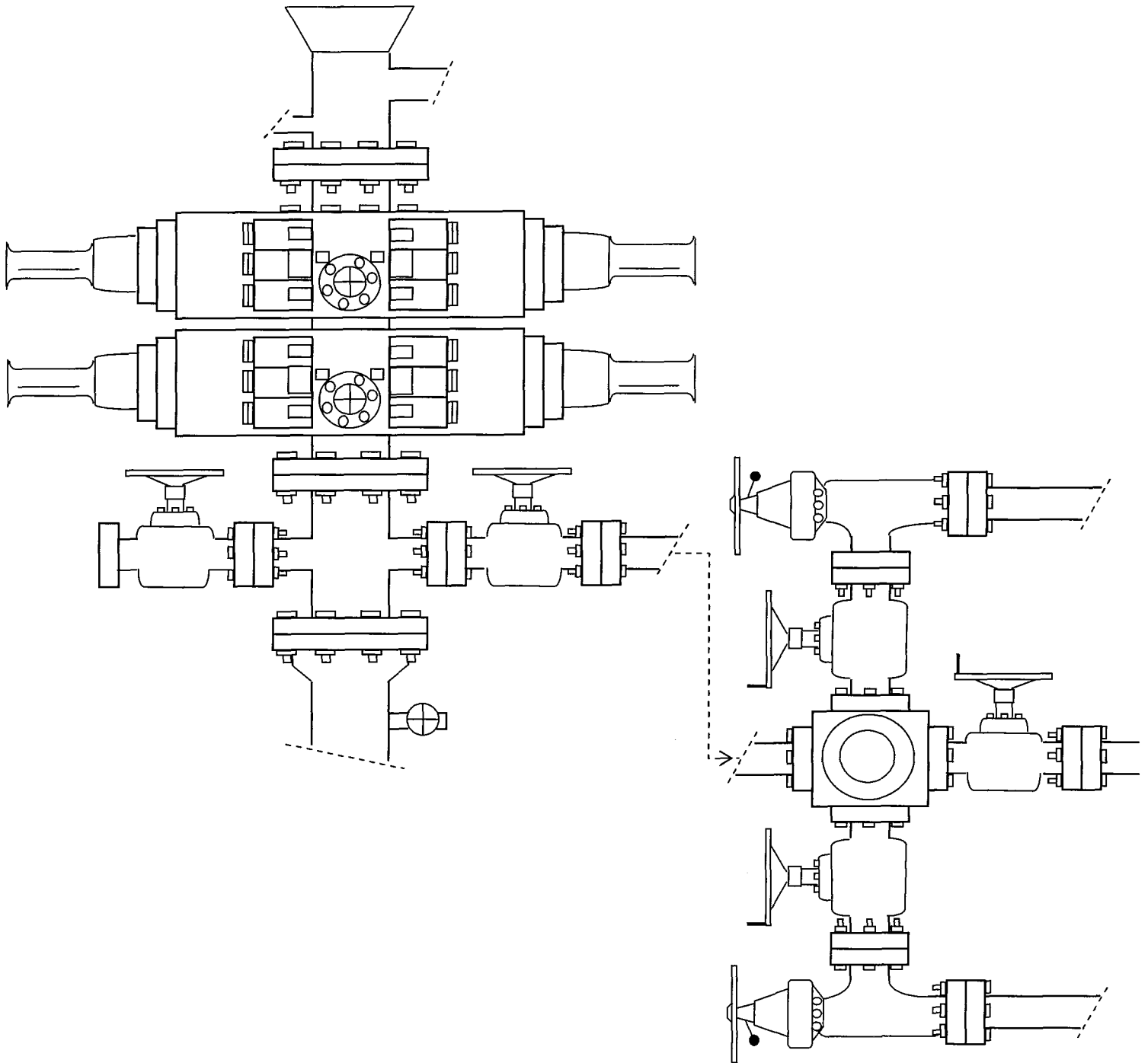


EXHIBIT C

Exhibit "D"
page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1417b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25,
T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E
[1 through 16-26-9-15]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
August 29, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/03/2005

API NO. ASSIGNED: 43-013-32913

WELL NAME: ASHLEY FED 16-26-9-15

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 26 090S 150E

SURFACE: 0491 FSL 0563 FEL

BOTTOM: 0491 FSL 0563 FEL

DUCHESNE

UNDESIGNATED (2)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.99601

LONGITUDE: -110.1913

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. MUNICIPAL)
- ☒ RDCC Review (Y/N)
(Date: _____)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

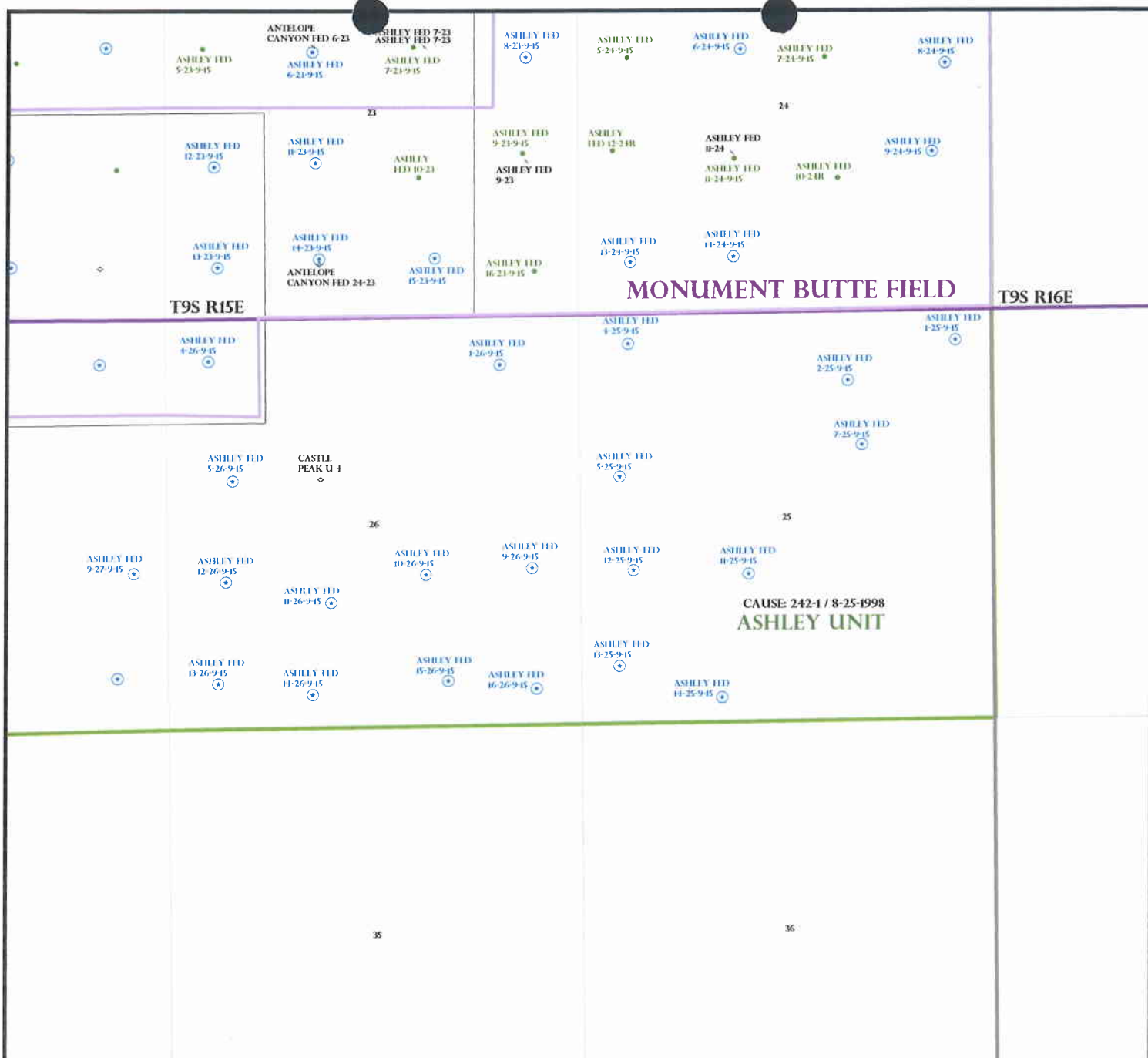
- R649-2-3.
- Unit ASHLEY
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- ☒ Drilling Unit
Board Cause No: 242-1
Eff Date: 8-25-98
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

Sop, Seperate file

STIPULATIONS:

1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 25,26 T. 9S R. 15E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998

Field Status

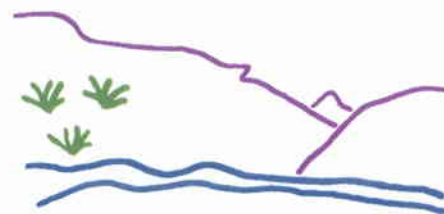
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 04-OCTOBER-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 4, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32909	Ashley Fed 7-25-9-15 Sec 25 T09S R15E 1733 FNL 1658 FEL	
43-013-32910	Ashley Fed 11-25-9-15 Sec 25 T09S R15E 1916 FSL 2154 FWL	
43-013-32911	Ashley Fed 13-25-9-15 Sec 25 T09S R15E 0761 FSL 0488 FWL	
43-013-32912	Ashley Fed 14-25-9-15 Sec 25 T09S R15E 0336 FSL 1808 FWL	
43-013-32913	Ashley Fed 16-26-9-15 Sec 26 T09S R15E 0491 FSL 0563 FEL	

Our records indicate the 14-25-9-15 is closer than 460 feet from the Ashley Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Ashley Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

October 5, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Ashley Federal 16-26-9-15 Well, 491' FSL, 563' FEL, SE SE, Sec. 26,
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32913.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company

Well Name & Number Ashley Federal 16-26-9-15

API Number: 43-013-32913

Lease: UTU-66185

Location: SE SE Sec. 26 T. 9 South R. 15 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

ASHLEY (GR RVR)

8. Well Name and No.

ASHLEY FEDERAL 16-26-9-15

9. API Well No.

43-013-32913

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

491 FSL 563 FEL SE/SE Section 26, T9S R15E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Permit Extension



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/5/05 (expiration 10/5/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

10-05-06

By:

[Signature]

COPY SENT TO OPERATOR

Date: 10-10-06

Initials: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

9/29/2006

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

RECEIVED

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32913
Well Name: Ashley Federal 16-26-9-15
Location: SE/SE Section 26, T9S R15E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 10/5/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *NA*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Mandi Curzio
Signature

9/29/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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OCT 03 2006
DIV. OF OIL, GAS & MINING

RECEIVED

SEP 30 2005

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

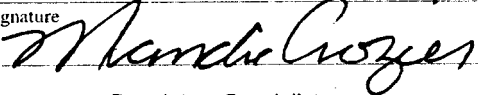

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66185
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 16-26-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-32913
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 491' FSL 563' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 17.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 26, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 491' f/le, 491' f/unit	16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1247'	19. Proposed Depth 6000'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6432' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/29/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kencel	Date 3-12-2007
Title Assistant Field Manager Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

MAR 15 2007

DIV. OF OIL, GAS & MINING

21006M

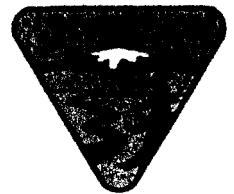
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Co.
Well No: Ashley Federal 16-26-9-15
API No: 43-013-32913

Location: SESE, Sec. 26, T9S, R15E
Lease No: UTU-66185
Agreement: Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Roger Hall	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Nate West) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Nate West) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

Crucial Deer and Elk Winter Range- No surface use December 1 through April 30.

1. No surface disturbance in the NE, NENW, S2NW, S2 of Sec. 26 T. 9 S., R. 15 E., SLM, Utah, will be allowed on slopes in excess of 40 percent, without written permission from the authorized officer of the Bureau of Land Management.
2. In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in the NE, NENW, S2NW, S2 of Sec. 26 T. 9 S., R. 15 E., SLM, Utah, will be allowed only during dry soil periods, over a snow cover or frozen ground.
3. In order to protect big game seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office

on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the

BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal

method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Ashley Fed 16-26-9-15

API No: 43-013-32913 Lease Type: Federal

Section 26 Township 09S Range 15E County Duchesne

Drilling Contractor NDSI Rig # NS#1

SPUDDED:

Date 6-01-07

Time 1:00 PM

How Dry

Drilling will Commence: _____

Reported by Don Bastian

Telephone # 435-823-6012

Date 6-4-07 Signed RM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
491 FSL 563 FEL
SESE Section 26 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 16-26-9-15

9. API Well No.

4301332913

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/1/07 MIRU NDSI NS #1. Spud well @ 1:00pm. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 303.93' On 6/2/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

RECEIVED

JUN 05 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

06/02/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 303.93

LAST CASING 8 5/8" SET AT 303.93'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Ashley Federal 16-26-9-15
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:

LOG OF CASING STRING									
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 35.40'							
		WHI - 92 csg head				8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	292.08	
		GUIDE shoe				8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				293.93	
TOTAL LENGTH OF STRING		293.93	7	LESS CUT OFF PIECE				2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				303.93	
TOTAL		292.08	7	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		292.08	7						
TIMING		1ST STAGE							
BEGIN RUN CSG.		Spud	6/1/2007	1:00 PM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE			6/1/2007	7:00 PM	Bbls CMT CIRC TO SURFACE				5
BEGIN CIRC			6/2/2007	8:37 AM	RECIPROCATED PIPE FOR				THRU FT STROKE
BEGIN PUMP CMT			6/2/2007	8:49 AM					N/A
BEGIN DSPL. CMT			6/2/2007	9:00 AM	BUMPED PLUG TO				120 PSI
PLUG DOWN			6/2/2007	9:17 AM					
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3									

COMPANY REPRESENTATIVE Don Bastian DATE 6/2/2007

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 8

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3638
MYTON, UT 84052

OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16171	4301333024	FEDERAL 3-22-9-16	NENW	22	9S	16E	DUCHESNE	5/31/2007	6/14/07
WELL 1 COMMENTS: <i>GRPV</i>											
A	99999	16172	4301332913	ASHLEY FEDERAL 16-26-9-15	SESE	26	9S	15E	DUCHESNE	6/1/2007	6/14/07
<i>GRPV</i>											
B	99999	12187	4301333263	HE FEDERAL L-26-8-16 <i>HAWKEYE</i>	NWSE	26	8S	16E	DUCHESNE	6/4/2007	6/14/07
<i>GRPV</i> <i>BHL = NE SW</i>											
A	99999	16173	4301333107	FEDERAL 8-20-9-16	SENE	20	9S	16E	DUCHESNE	6/5/2007	6/14/07
<i>GRPV</i>											
A	99999	16174	4301333106	FEDERAL 7-20-9-16	SWNE	20	9S	16E	DUCHESNE	6/6/2007	6/14/07
WELL 5 COMMENTS: <i>GRPV</i>											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - have one existing entity in another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JUN 06 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Jentri Park
Production Clerk
June 6 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 13 2007

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

DEPT OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
491 FSL 563 FEL
SESE Section 26 T9S R15E

5. Lease Serial No.
USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
ASHLEY PA AB

8. Well Name and No.
ASHLEY FEDERAL 16-26-9-15

9. API Well No.
4301332913

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Bureau Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 07/09/2007

THIS SPACE FOR THE DIRECTION OF THE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒GAS WELL ☐DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

491' FSL & 563' FEL (SE/SE) Sec. 26, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32913

DATE ISSUED

10/05/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

06/01/07

16. DATE T.D. REACHED

06/09/07

17. DATE COMPL. (Ready to prod.)

07/06/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6432' GL

6444' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5825'

21. PLUG BACK T.D., MD & TVD

5763'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4602'-5614'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	304'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5806'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5681'	5589'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5607'-5614'	.49"	4/28	5607'-5614'	Frac w/ 29,909# 20/40 sand in 384 bbls fluid
(LODC) 5020'-5030', 5055'-5064'	.49"	4/76	5020'-5064'	Frac w/ 140,353# 20/40 sand in 965 bbls fluid
(A.5 & B2) 4735'-4741', 4679'-4685'	.49"	4/48	4679'-4741'	Frac w/ 28,132# 20/40 sand in 361bbls fluid
(C) 4602'-4610'	.49"	4/32	4602'-4610'	Frac w/ 44,7113 20/40 sand in 409 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 07/06/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' x20' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBLs. 29	GAS--MCF. 28	WATER--BBL. 75	GAS-OIL RATIO 966
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

7/26/2007

DIV. OF OIL, GAS & MINING

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			<p>Well Name Ashley Federal 16-26-9-15</p>	Garden Gulch Mkr	3410'		
				Garden Gulch 1	3616'		
				Garden Gulch 2	3730'		
				Point 3 Mkr	3956'		
				X Mkr	4232'		
				Y-Mkr	4266'		
				Douglas Creek Mkr	4370'		
				BiCarbonate Mkr			
				B Limestone Mkr	4702'		
				Castle Peak	5262'		
				Basal Carbonate	5718'		
				Total Depth (LOGGERS)	5802'		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-66185

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
ASHLEY PA AB

8. WELL NAME and NUMBER:
ASHLEY FEDERAL 16-26-9-15

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332913

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 491 FSL 563 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 26, T9S, R15E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/24/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 07/08/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 07/24/2007

(This space for State use only)

RECEIVED

JUL 27 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

ASHLEY 16-26-9-15**5/1/2007 To 9/30/2007****6/26/2007 Day: 1****Completion**

Rigless on 6/25/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5724' & cement top @ 120'. Perforate stage #1. CP5 sds @ 5607-5614' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. 138 BWTR. SIFN.

6/29/2007 Day: 2**Completion**

Rigless on 6/28/2007 - RU BJ Services. 15 psi on well. Frac CP5 sds w/ 29,909#'s of 20/40 sand in 384 bbls of Lightning 17 fluid. Broke @ 3412 psi. Treated w/ ave pressure of 2598 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2825 psi. Leave pressure on well. 384 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10' & 9' perf gun. Set plug @ 5170'. Perforate LODC sds @ 5020-30' & 5055-64' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 76 shots. RU BJ Services. 2205 psi on well. Frac LODC sds w/ 140,353#'s of 20/40 sand in 965 bbls of Lightning 17 fluid. Broke @ 3205 psi. Treated w/ ave pressure of 2307 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2534 psi. Leave pressure on well. 965 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2- 6' perf gun. Set plug @ 4840'. Perforate A.5 sds @ 4735-41' & B2 sds @ 4679-85' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 2300 psi on well. Frac B2 & A.5 sds w/ 28,132#'s of 20/40 sand in 361 bbls of Lightning 17 fluid. Broke @ 3906 psi. Treated w/ ave pressure of 2019 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1717 psi. Leave pressure on well. 361 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 8' perf gun. Set plug @ 4650'. Perforate C sds @ 4602-10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 150 psi on well. Perfs would not break. RU Lone Wolf WL. Dump bail acid on perfs. RU BJ Services. 84 psi on well. Frac C sds w/ 44,711#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3295 psi. Treated w/ ave pressure of 1960 psi @ ave rate of 24.7 BPM. ISIP 1989 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 2 hrs. & died. Recovered 100 bbls. SWIFN.

7/3/2007 Day: 3**Completion**

NC #2 on 7/2/2007 - MIRU NC #2. ND 5000# Cameron BOPs & frac head. NU 3000# production wellhead & BOPs. RU rig floor. PU 2 7/8" J-55 6.5# tbg from pipe racks (tallying & drifting). Tag fill @ 4580'. RU pump lines. SWIFN.

7/5/2007 Day: 4**Completion**

NC #2 on 7/4/2007 - RU power swivel. Clean out to plug @ 4650'. Drill up plug in 35 minutes & circulate well clean. TIH & tag sand @ 4690'. Clean out to plug @ 4840'. Drill up plug in 37 minutes & circulate well clean. TIH & tag sand @ 5050'. Clean out

to plug @ 5170'. Drill up plug in 34 minutes & circulate well clean. TIH & tag fill @ 5655'. Clean out to PBTD @ 5763' & circulate well clean. RU swab equipment. Made two swab runs w/ SFL @ surface & EFL @ 600'. SWIFN.

7/6/2007 Day: 5

Completion

NC #2 on 7/5/2007 - RIH w/swab. Made 20 swab runs w/ SFL @ surface. Recovered 180 total bbls, 177 BW & 3 bbls of oil. Finishing w/ 5% oil cut, good show of gas, no show of sand. EFL @ 1100'. RD swab. TIH to PBTD @ 5763'. Circulate well clean. LD 2- jts tbg. TOOH w/ tbg & LD BHA. TIH w/ production tbg as follow: 2 7/8" NC, 2- jts 2 7/8 J-55 6.5# tbg, SN, 1- jt 2 7/8 tbg, TA, 180 jts 2 7/8 tbg. RD rig floor. ND BOPs. Set TA @ 5589' w/ 15000# tension. NU wellhead. SWIFN.

7/7/2007 Day: 6

Completion

NC #2 on 7/8/2007 - Flush tbg w/ 60 BW. X- over for rods. PU & prime CDI 2 1/2" X 1 1/2" X 16' X 20' RHAC rod pump. TIH w/ "A" grade rod string as detailed below (PU from trailer). Space out rods & seat rod pump. Fill tbg w/ 3 BW & test to 200 psi. Stroke test rod pump to 800 psi w/ rig (due to repairs needed on Ajax engine). RU pumping unit & hang off rods. RD rig pump & pump lines. RDMO NC#2. PWOP @ 3:00 PM w/ 102" stroke length & 5 1/2 SPM, after needed repairs were completed on Ajax. Est. 2310 BWTR. Final Report.

Pertinent Files: Go to File List

906 m



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3180
UT-922

JAN 23 2008

Newfield Exploration Company
Attn: Laurie Deseau
1401 Seventeenth Street, Suite 1000
Denver, CO 80202

Re: 3rd Revision Green River Formation PA "A, B"
Ashley Unit
Duchesne County, Utah

Gentlemen:

The 3rd Revision of the Green River Formation Participating Area "A,B", Ashley Unit, CRS UTU73520C, is hereby approved effective as of July 1, 2007, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 3rd Revision of the Green River Formation Participating Area "A,B", results in the addition of 67.78 acres to the participating area for a total of 7,618.27 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

to 12419

WELL NO.	API NO.	LOCATION	LEASE NO.
16-26	43-013-32913	SE $\frac{1}{4}$ SE $\frac{1}{4}$, 26-9S-15E	UTU66185
4-27	43-013-32770	Lot 1, 27-9S-15E	UTU66185

16172

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 3rd Revision of the Green River Formation Participating Area "A,B", Ashley Unit.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
JAN 28 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
C <input checked="" type="checkbox"/>	16172	12419	4301332913	Ashley Federal 16-26-9-15	SESE	26	9S	15E	Duchesne	6/1/2007	2/1/08
WELL 1 COMMENTS: <i>per BLM eff 7/1/07</i>											
C <input checked="" type="checkbox"/>	16325	12419	4301332913	Ashley Federal 4-27-9-15	NWNW	27	9S	15E	Duchesne	8/25/2007	2/1/08
<i>4301332770 per BLM eff 7/1/07</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
JAN 30 2008
DIV. OF OIL, GAS & MINING

Tammi Lee
Signature

Tammi Lee

Production Clerk

01/30/08

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: ASHLEY FED 16-26-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0491 FSL 0563 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 26 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013329130000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/27/2014	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 05/23/2014. On 05/22/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/27/2014 the casing was pressured up to 1556 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 5/29/2014		Accepted by the Utah Division of Oil, Gas and Mining May 29, 2014 Date: _____ By:

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 5/27/14 Time 12:45 am ☒ pm

Test Conducted by: Jonny Daniels

Others Present: _____

Well: Ashley 10-20-9-15

Field: Monument Butte

Well Location: SE/SE Sec. 26, T9S, R10E
Duchesne County Utah

API No: 43-013-32913

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1560</u>	psig
5	<u>1559</u>	psig
10	<u>1559</u>	psig
15	<u>1558</u>	psig
20	<u>1557</u>	psig
25	<u>1556</u>	psig
30 min	<u>1556</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

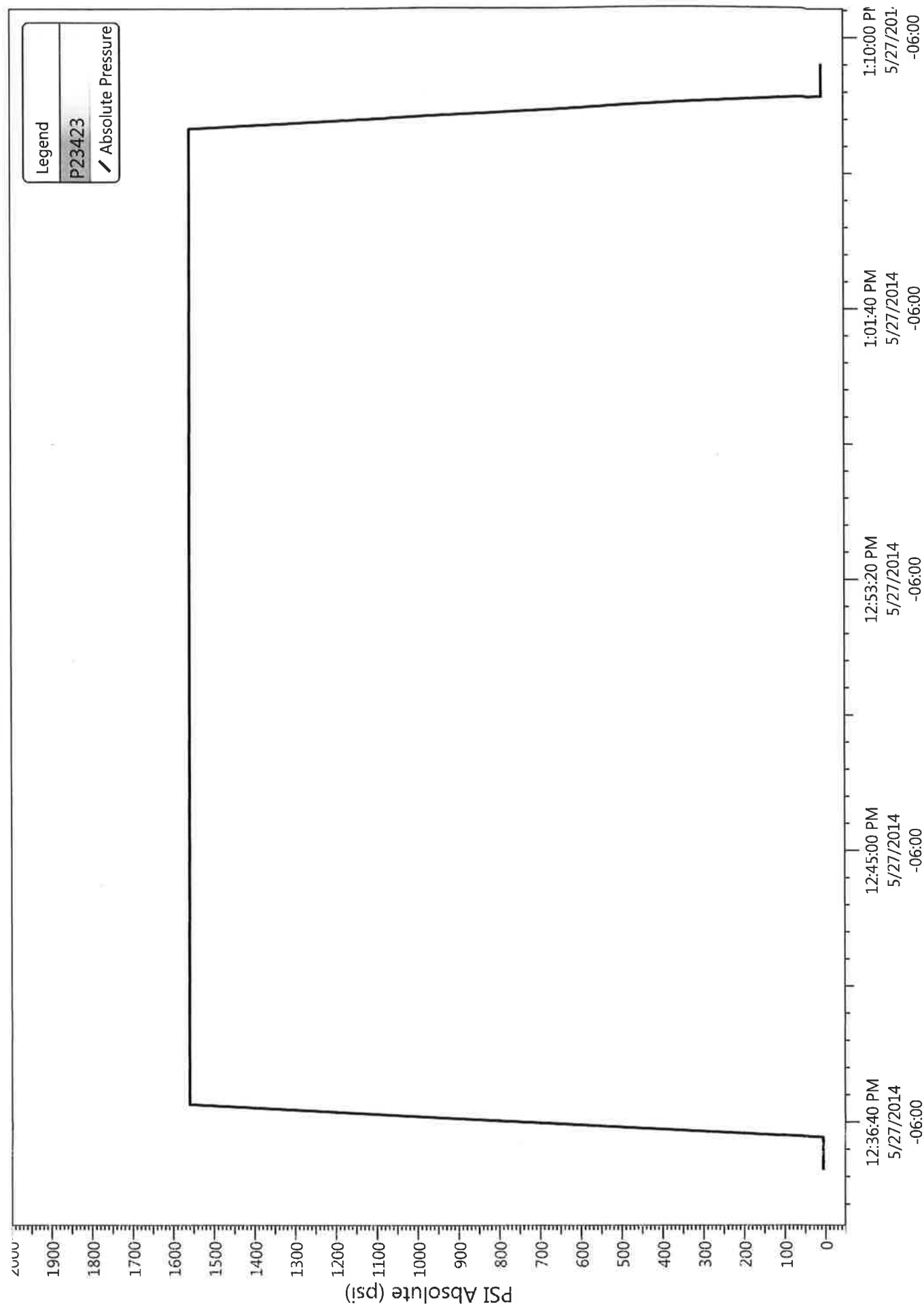
Result: ☒ Pass ☐ Fail

Signature of Witness: _____

Signature of Person Conducting Test: Jonny Daniels

Ashley Federal 16-26-9-15 MIT

5/27/2014 12:35:08 PM



NEWFIELD**Job Detail Summary Report****Well Name: Ashley 16-26-9-15**

Jobs		Job Start Date	Job End Date
Primary Job Type	Conversion	5/21/2014	5/27/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
5/21/2014	5/21/2014	MIRU, PUMP DWN CSG, RD PUMPING UNIT, UNSEAT PUMP, FLUSH RDS	
Start Time	End Time	Comment	
	06:00	07:00	CREW TRAVEL & SAFETY MTG
Start Time	End Time	Comment	
	07:00	11:30	WAIT FOR MIT ON 2-1-9-15 RDMO MOVE TO 16-26-9-15 MIRU PUMP 60 BBL'S DOWN CSG, RD PUMPING UNIT, UNSEAT PUMP W/10000 OVER STRING WT, FLUSH RODS W/ 30 BBL'S, RESEAT PUMP SOFT SEAT & TEST TO 3000 W/ 8 BBL'S
Start Time	End Time	Comment	
	11:30	15:00	TOOH LD RODS AS FOLLOWS 1 1/2X 26' POLISH ROD 1-2 X 3/4 PONY ROD, 99 3/4 4-PER, 98 3/4 SLICK RODS, 20 3/4 4-PER, 6 1 1/2 WT BARS 1 STABILIZER & PUMP
Start Time	End Time	Comment	
	15:00	18:00	X-OVER TO TBG EQUIP, ND WELL HEAD, RELEASE TAC, NU BOPS, RU FLOOR & TONGS, TOOH BREAKING & REDOPING EVERY COLLAR ON TOTAL OF 72 JTS SWIFN @ 6:00
Start Time	End Time	Comment	
	18:00	19:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
5/22/2014	5/22/2014	CONT TOOH BREAKING & REDOPING	
Start Time	End Time	Comment	
	06:00	07:00	CREW TRAVEL & SAFETY MTG
Start Time	End Time	Comment	
	07:00	11:00	FLUSH TBG W/ 30 BBL'S, CONT TOOH BREAKING & DOPING EVERY COLLAR ON TOTAL OF 147 JTS LD 36 JTS & BHA
Start Time	End Time	Comment	
	11:00	17:00	PU & TIH W/ PKR & TBG AS FOLLOWS WIRE LINE RE-ENTRY GUIDE, XN-NIPPLE, 2 3/8 X 4' PUP JT, X-OVER, AS-1 PKR, ON-OFF TOOL, PSN, 147 JTS, PUMP 10 BBL PAD DROP SV PRESS UP TBG TO 3000 W 25 BBL'S GET GOOD TEST @ 3:00
Start Time	End Time	Comment	
	17:00	18:00	3:00 FISH SV, ND BOPS LAND TBG W/B-1 ADAPTOR FLANGE PUMP 50 BBL'S FRESH WATER W/ PKR FLUID, SET AS-1 PKR W/15000 TENSION LAND TBG W/INJECTION TREE, W/ PSN @4551.17, PKR CE@ 4558.39, EOT @ 4567.49 PRESS UP CSG TO 17000 W/ 2 BBL'S DO MIT IN AM SWIFN
Start Time	End Time	Comment	
	17:00	18:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
5/23/2014	5/23/2014	MIT	
Start Time	End Time	Comment	
	06:00	07:00	CREW TRAVEL & SAFETY MTG
Start Time	End Time	Comment	
	07:00	09:30	7:00 CHK PRESS ON WELL 1650 WAIT
Start Time	End Time	Comment	
	09:30	10:30	CHK PRESS ON WELL 1650 WAIT ON MIT CLEAN RIG & EQUIP W/ HOT OILER, GET MIT
Start Time	End Time	Comment	
	10:30	11:30	RDMO
Report Start Date	Report End Date	24hr Activity Summary	
5/27/2014	5/27/2014	CONDUCT INITIAL MIT	
Start Time	End Time	Comment	
	12:40	13:10	CREW TRAVEL
Start Time	End Time	Comment	
	13:10		On 05/22/2014 with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/27/2014 the casing was pressured up to 1556 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Ashley 16-26-9-15

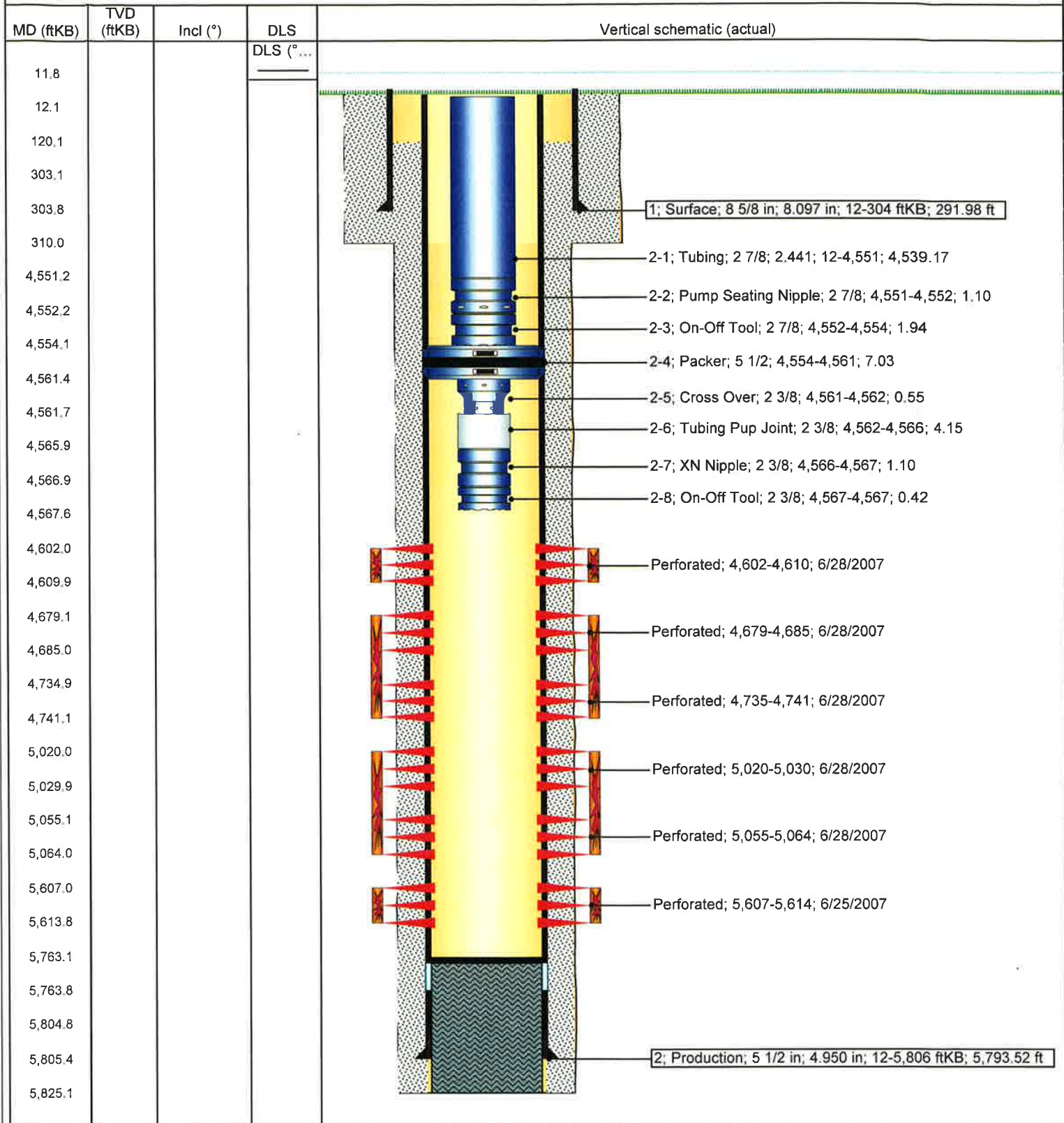
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
491' FSL & 563' FEL (SE/SE) SECTION 26-T9S-R15E		43013329130000	500159441		Utah	GMBU CTB3	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)
6/1/2007		7/6/2007	6,444	6,432			Original Hole - 5,763.2

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	Basic	5/21/2014	5/27/2014

TD: 5,825.0

Vertical - Original Hole, 5/28/2014 8:01:18 AM



NEWFIELD
Newfield Wellbore Diagram Data
Ashley 16-26-9-15

Surface Legal Location 491' FSL & 563' FEL (SE/SE) SECTION 26-T9S-R15E		API/UWI 43013329130000	Lease
County DUCHESNE	State/Province Utah	Basin Uintah Basin	Field Name GMBU CTB3
Well Start Date 6/1/2007	Spud Date 6/1/2007	Final Rig Release Date	On Production Date 7/6/2007
Original KB Elevation (ft) 6,444	Ground Elevation (ft) 6,432	Total Depth (ftKB) 5,825.0	Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,763.2

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/1/2007	8 5/8	8.097	24.00	J-55	304
Production	6/8/2007	5 1/2	4.950	15.50	J-55	5,806

Cement**String: Surface, 304ftKB 6/1/2007**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 310.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,806ftKB 6/9/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 120.0	Bottom Depth (ftKB) 5,825.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PREMLITE II	Estimated Top (ftKB)
Fluid Description 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM	Fluid Type Tail	Amount (sacks) 425	Class 50:50 POZ	Estimated Top (ftKB)

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					5/22/2014		4,567.5	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	147	2 7/8	2.441	6.50	J-55	4,539.17	12.0	4,551.2
Pump Seating Nipple	1	2 7/8			J-55	1.10	4,551.2	4,552.3
On-Off Tool	1	2 7/8				1.94	4,552.3	4,554.2
Packer	1	5 1/2				7.03	4,554.2	4,561.3
Cross Over	1	2 3/8			J-55	0.55	4,561.3	4,561.8
Tubing Pup Joint	1	2 3/8			J-55	4.15	4,561.8	4,566.0
XN Nipple	1	2 3/8				1.10	4,566.0	4,567.1
On-Off Tool	1	2 3/8				0.42	4,567.1	4,567.5

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	C SANDS, Original Hole	4,602	4,610	4	120		6/28/2007
3	B2 SANDS, Original Hole	4,679	4,685	4	120		6/28/2007
3	A .5 SANDS, Original Hole	4,735	4,741	4	120		6/28/2007
2	LODC SANDS, Original Hole	5,020	5,030	4	120		6/28/2007
2	LODC SANDS, Original Hole	5,055	5,064	4	120		6/28/2007
1	CP5 SANDS, Original Hole	5,607	5,614	4	120		6/25/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,825	0.94	24.8	2,961			
2	2,534	0.94	24.8	2,626			
3	1,717	0.8	24.7	2,320			
4	1,989	0.87	24.7	2,208			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 29909 LB
2		Proppant Sand 140353 LB
3		Proppant Sand 28132 LB
4		Proppant Sand 44711 LB

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: ASHLEY FED 16-26-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0491 FSL 0563 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 26 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013329130000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 1:00 PM on 01/08/2015</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 20, 2015</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/14/2015	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-418

Operator: Newfield Production Company
Well: Ashley Federal 16-26-9-15
Location: Section 26, Township 9 South, Range 15 East
County: Duchesne
API No.: 43-013-32913
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 14, 2014.
2. Maximum Allowable Injection Pressure: 1,687 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,721' – 5,763')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____

John Rogers
Associate Director

26-04-14
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 14, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 16-26-9-15, Section 26, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32913

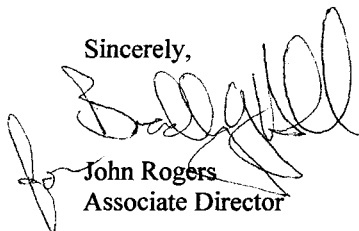
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,721 feet in the Ashley Federal 16-26-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



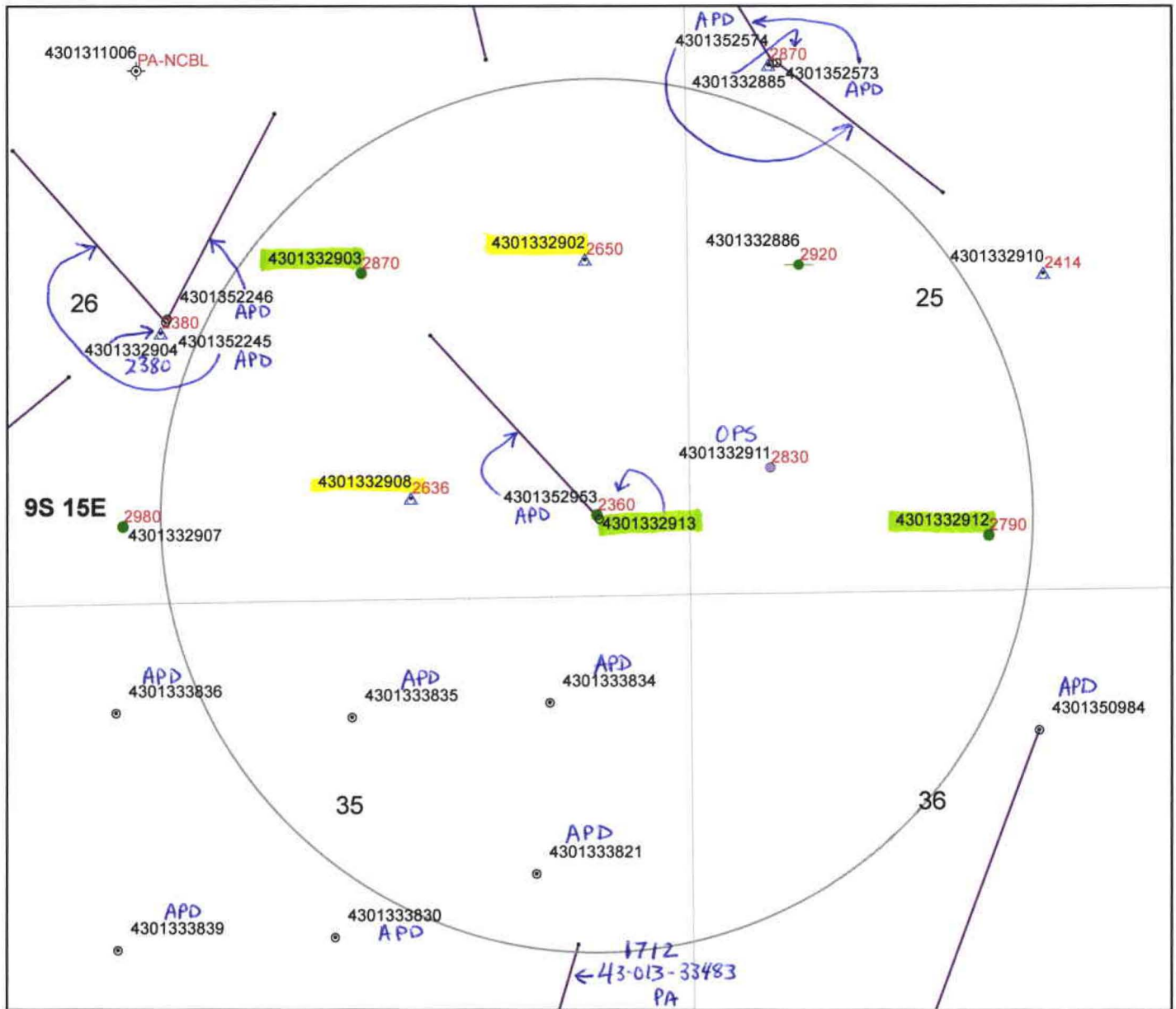
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊙ GIW-Gas Injection Well
- ⊙ GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- ▲ WIW-Water Injection Well
- WSW-Water Supply Well

Cement Bond Tops Ashley Federal 16-26-9-15 API #43-013-32913 UIC-418.4

0 0.05 0.1 0.2 0.3 0.4 Miles



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Ashley Federal 16-26-9-15

Location: 26/9S/15E **API:** 43-013-32913

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 304 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,806 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,360 feet or higher. A 2 7/8 inch tubing with a packer is proposed at 4,552 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 3 producing wells, 2 injection wells, 1 shut-in well, and 1 Operations Suspended well (currently in the process of conversion to an injection well) in the AOR. In addition, there is 1 horizontal P/A well with a surface location outside the AOR and a bottom hole location slightly inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,721 feet and 5,763 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-26-9-15 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,687 psig. The requested maximum pressure is 1,687 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Ashley Federal 16-26-9-15
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 5/13/2014

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

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WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	RECEIVED	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	MAR 05 2014 DIV OF OIL GAS & MINING	900	

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000941195 /
SCHEDULE	
Start 02/22/2014	End 02/22/2014
CUST. REF. NO.	
Newfield Cause UIC-418	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATL	
SIZE	
96 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
327.56	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH, CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION. UTAHLEGALS.COM INDEFINATELY COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

Start 02/22/2014 End 02/22/2014
PUBLISHED ON
SIGNATURE

DATE 2/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 13, 16, 17, 20, 22, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

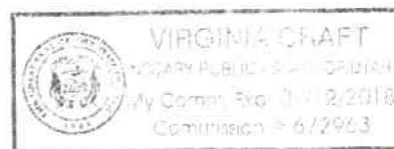
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Dated this 18th day of February, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

941195
PUBLICATION DATE: 02/25/2014
UPAXLP



Virginia Craft
NOTARY SIGNATURE

2250/RED/GGUCADMIN/GF13/0131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

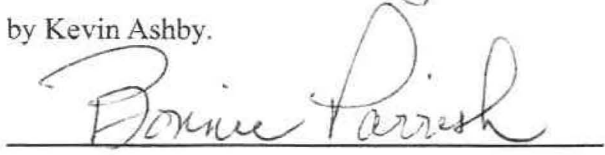
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

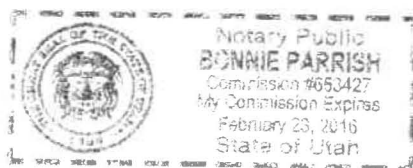

Publisher

Subscribed and sworn to before me on this

26 day of February, 20 14

by Kevin Ashby.


Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPART- MENT OF NATURAL RESOURCES, STATE OF UTAH, NOTICE OF AGENCY ACTION, CAUSE NO. UIC-418

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS 25
and 26, TOWNSHIP
9 SOUTH, RANGE
15 EAST, and
SECTIONS 9, 13,
16, 17, 20, 22, and
23, TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJE-
CTION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
given that the Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-

25-9-15 well located
in SE/4 SE/4, Section
25, Township 9
South, Range 15 East
API 43-013-32951
Ashley Federal 14-
26-9-15 well located
in SE/4 SW/4, Sec-
tion 26, Township 9
South, Range 15 East
API 43-013-32907
Ashley Federal 16-
26-9-15 well located
in SE/4 SE/4, Section
26, Township 9
South, Range 15 East
API 43-013-32913
Federal 14-9-16
well located in SE/4
SW/4, Section 9,
Township 9 South,
Range 16 East
API 43-013-33053
South Wells Draw
16-9-9-16 well
located in SE/4 SE/4,
Section 9, Township
9 South, Range 16
East
API 43-013-32044
Federal 2-13-9-16
well located in NW/4
NE/4, Section 13,
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API 43-013-32659
Federal 8-13-9-16
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Monument Federal
11-22-9-16Y well lo-
cated in NW/4 NW/4,
Section 22, Township

Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 18th day of February, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager

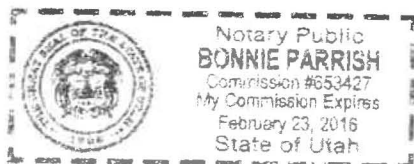
Published in the
Utah Basin Standard
February 25, 2014.

26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish

Notary Public



IN SECTIONS 25
and 26, TOWNSHIP
9 SOUTH, RANGE
15 EAST, and
SECTIONS 9, 13,
16, 17, 20, 22, and
23, TOWNSHIP 9
SOUTH, RANGE 16
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1001 17th Street,
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phone 303-893-0102,
for administrative
approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

Ashley Federal 14-
25-9-15 well located
in SE/4 SW/4, Sec-
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South, Range 15 East

API 43-013-32912
Ashley Federal 16-

Range 16 East
API 43-013-32655
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SW/4, Section 13,
Township 9 South,
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Range 16 East

API 43-013-30662
The proceeding
will be conducted in
accordance with Utah
Admin. R649-10,
Administrative Proce-
dures.

Selected zones
in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 18th day of February, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

Cause No. UIC-418

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

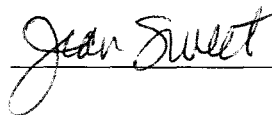
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

2/24/2014

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Feb 20, 2014 at 3:52 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—
Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

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Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000941195-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO: SALT LAKE CITY, UT 84114

Fax	801-359-3940	Ordered By	Acct. Exec
Email	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$327.56			
Payment Amt	\$0.00			
Amount Due	\$327.56	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	Newfield Cause UIC-6	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 96 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/22/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
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IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 15, 16, 17, 20, 22, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 18th day of February, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

941195

UPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED

FEB 10 2014

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Ashley Federal #16-26-9-15
Monument Butte Field, Lease #UTU-66185
Section 26-Township 9S-Range 15E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #16-26-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,


Jill L Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ASHLEY FEDERAL #16-26-9-15
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-66185
FEBRUARY 7, 2014


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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-26-9-15
ATTACHMENT E-1	WELLBORE DIAGRAM – ASHLEY FEDERAL #12-25-9-15
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Ashley #16-26-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-66185</u>
Well Location: QQ <u>SESE</u> section <u>26</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-32913</u>	
Proposed injection interval: from <u>3721</u> to <u>5763</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1687</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L. Loyle</u>	Signature: <u></u>
Title: <u>Regulatory Associate</u>	Date: <u>2/7/14</u>
Phone No. <u>(303)383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	

Comments:

ASHLEY 16-26-9-15

Spud Date: 06/01/07
Put on Production: 07/06/07
GL: 6432' KB: 6444'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292.08')
DEPTH LANDED: 303.93' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

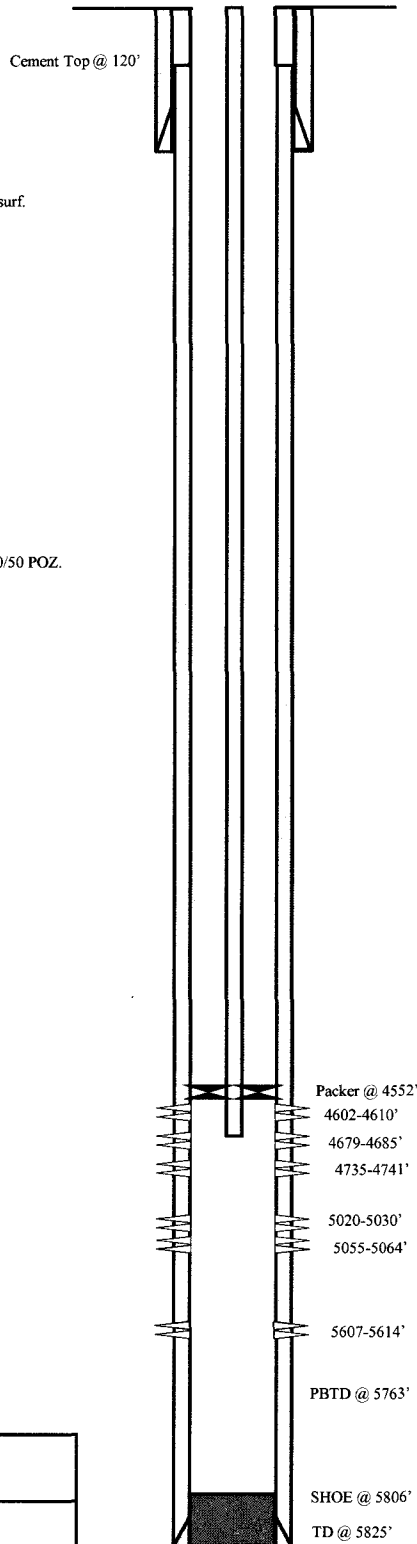
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5792.27')
DEPTH LANDED: 5805.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180 jts (5574.48')
TUBING ANCHOR: 5589.28' KB
NO. OF JOINTS: 1 jts (31.58')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5620.86' KB
NO. OF JOINTS: 2 jts (58.30')
TOTAL STRING LENGTH: EOT @ 5680.71' KB

Proposed Injection Wellbore Diagram




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06/28/07	5607-5614'	Frac CP5 sands as follows: 29909# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 2825 psi. Calc flush: 5605 gal. Actual flush: 5019 gal.
06/28/07	5020-5064'	Frac LODC sands as follows: 140353# 20/40 sand in 965 bbls Lightning 17 frac fluid. Treated @ avg press of 2307 psi w/avg rate of 24.6 BPM. ISIP 2534 psi. Calc flush: 5018 gal. Actual flush: 4431 gal.
06/28/07	4679-4741'	Frac A.5 & B2 sands as follows: 28132# 20/40 sand in 361 bbls Lightning 17 frac fluid. Treated @ avg press of 2019 psi w/avg rate of 24.7 BPM. ISIP 1717 psi. Calc flush: 4677 gal. Actual flush: 4171 gal.
06/28/07	4602-4610'	Frac C sands as follows: 44711# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.7 BPM. ISIP 1989 psi. Calc flush: 4600 gal. Actual flush: 4515 gal.

PERFORATION RECORD

06/25/07	5607-5614'	4 JSPF	28 holes
06/28/07	5055-5064'	4 JSPF	36 holes
06/28/07	5020-5030'	4 JSPF	40 holes
06/28/07	4735-4741'	4 JSPF	24 holes
06/28/07	4679-4685'	4 JSPF	24 holes
06/28/07	4602-4610'	4 JSPF	32 holes


ASHLEY 16-26-9-15 491'FSL & 563' FEL SE/SE Section 26-T9S-R15E Duchesne Co, Utah API #43-013-32913; Lease # UTU-66185

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #16-26-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #16-26-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3721' - 5763'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3409' and the TD is at 5825'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #16-26-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 304' KB, and 5-1/2", 15.5# casing run from surface to 5806' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1687 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #16-26-9-15, for existing perforations (4602' - 5614') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1687 psig. We may add additional perforations between 3409' and 5825'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #16-26-9-15, the proposed injection zone (3721' - 5763') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-5.

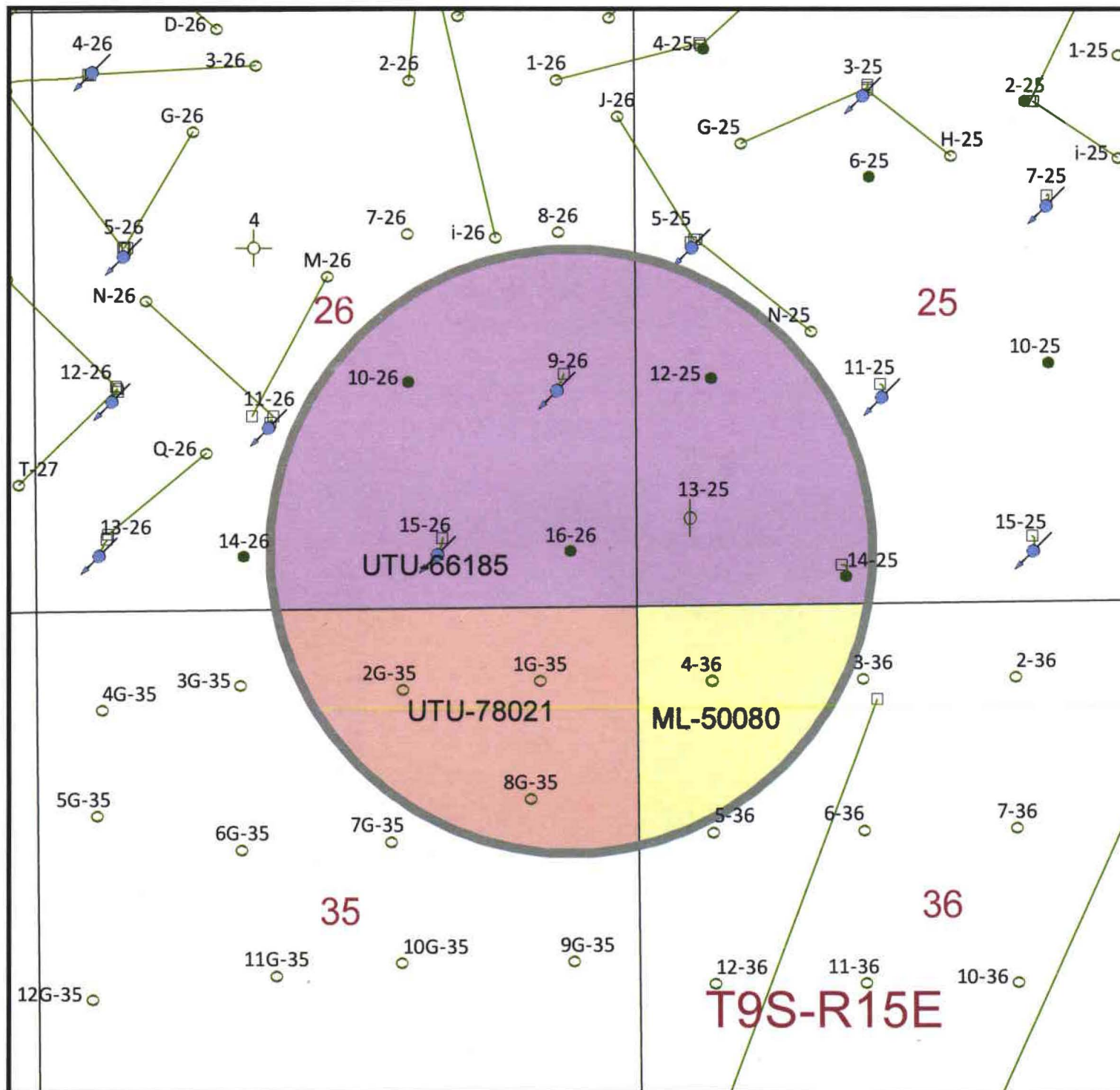
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

- ML-50080
- UTU-66185
- UTU-78021

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Ashley 16-26-9-15
Section 26, T9S-R15E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,250 feet

1/2 Mile Radius Map
Duchesne County

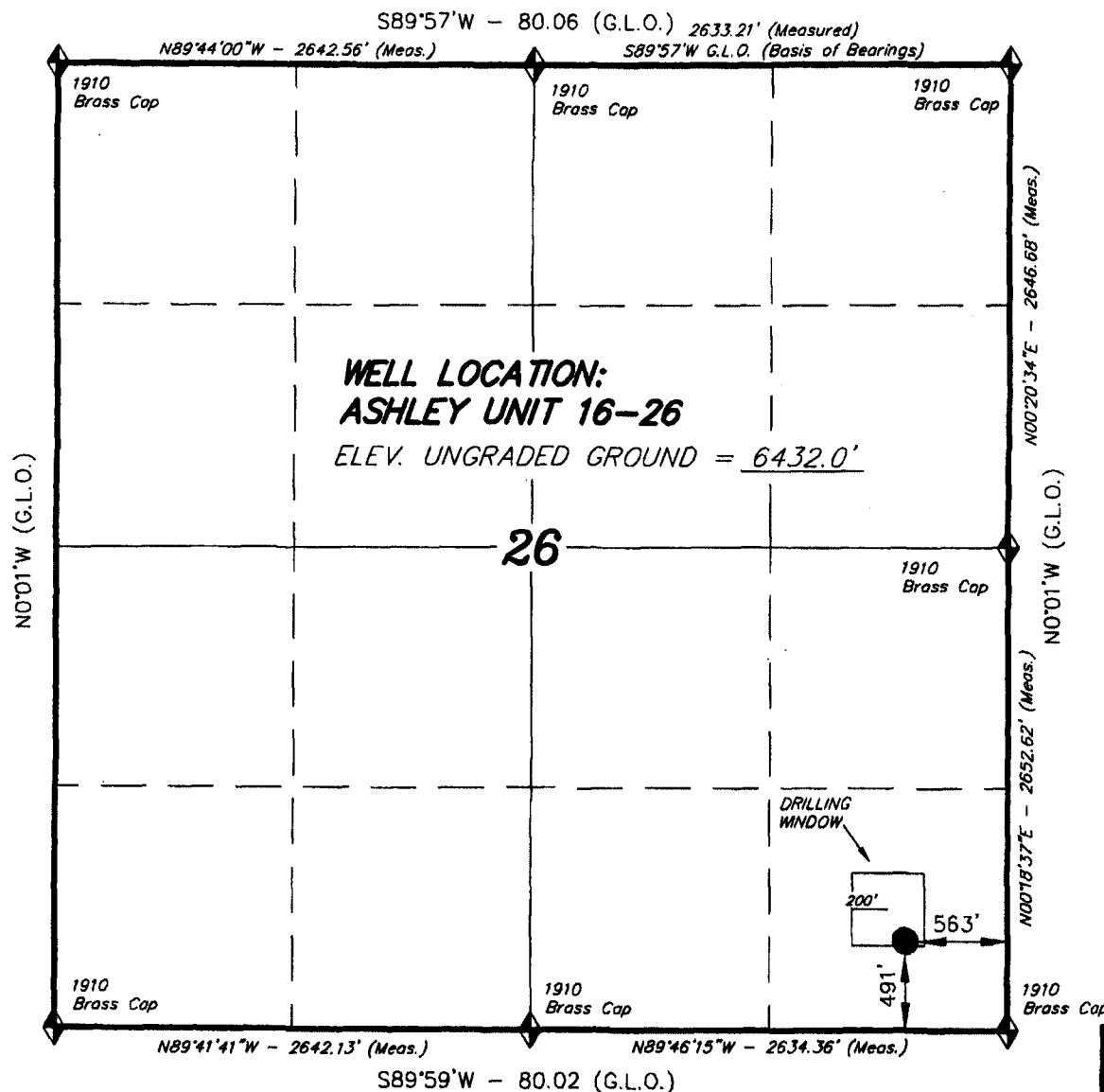
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 883-0102


Jan. 6, 2014

T9S, R15E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 16-26,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 26, T9S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (GILSONITE DRAW)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

~~STACY W.~~

REGISTERED LAND SURVEYOR
REGISTRATION No. 10037
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 9-9-05

DRAWN BY: F.T.M.

NOTES:

FILE #

EXHIBIT B


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 36: All	State of Utah ML-50080 HBP	Newfield Production Company	State of Utah
2	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E Section 34: E2 Section 35: All	USA UTU-78021 HBP	QEP Energy Company III Exploration CO	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Ashley Federal #16-26-9-15

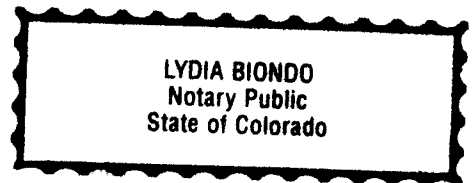
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 7th day of February, 2014.

Notary Public in and for the State of Colorado: 

My Commission Expires: 12/31/15



ASHLEY 16-26-9-15

Spud Date: 06/01/07
Put on Production: 07/06/07

GL: 6432' KB: 6444'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292.08')
DEPTH LANDED: 303.93' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5792.27')
DEPTH LANDED: 5805.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 120'

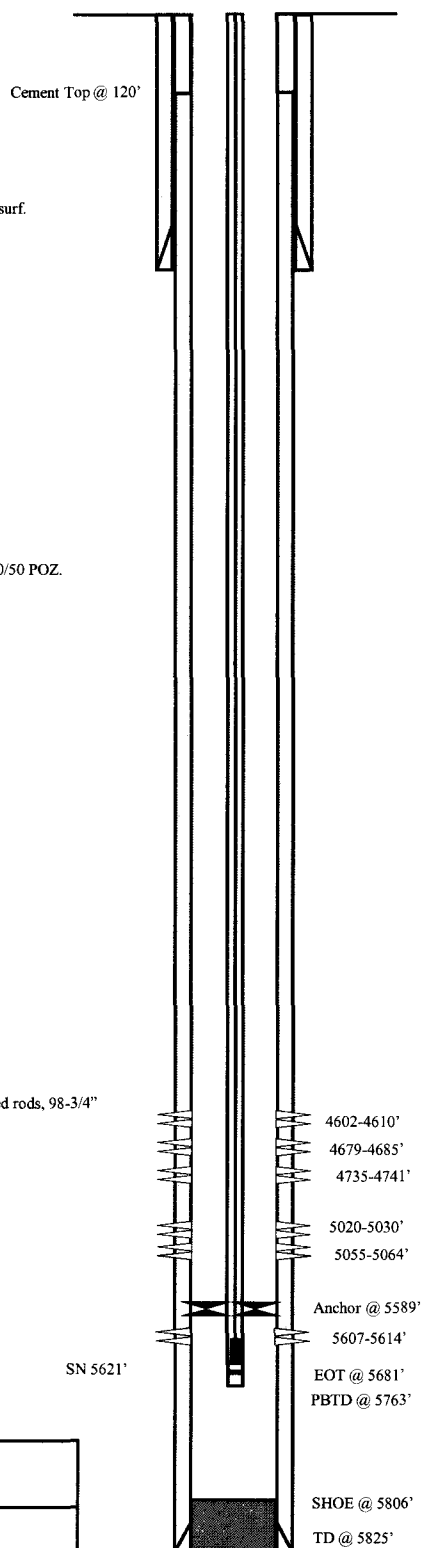
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 180 jts (5574.48')
TUBING ANCHOR: 5589.28' KB
NO. OF JOINTS: 1 jts (31.58')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5620.86' KB
NO. OF JOINTS: 2 jts (58.30')
TOTAL STRING LENGTH: EOT @ 5680.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 99-3/4" guided rods, 98-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 1/2 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06/28/07	5607-5614'	Frac CP5 sands as follows: 29909# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 2825 psi. Calc flush: 5605 gal. Actual flush: 5019 gal.
06/28/07	5020-5064'	Frac LODC sands as follows: 140353# 20/40 sand in 965 bbls Lightning 17 frac fluid. Treated @ avg press of 2307 psi w/avg rate of 24.6 BPM. ISIP 2534 psi. Calc flush: 5018 gal. Actual flush: 4431 gal.
06/28/07	4679-4741'	Frac A.5 & B2 sands as follows: 28132# 20/40 sand in 361 bbls Lightning 17 frac fluid. Treated @ avg press of 2019 psi w/avg rate of 24.7 BPM. ISIP 1717 psi. Calc flush: 4677 gal. Actual flush: 4171 gal.
06/28/07	4602-4610'	Frac C sands as follows: 44711# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.7 BPM. ISIP 1989 psi. Calc flush: 4600 gal. Actual flush: 4515 gal

PERFORATION RECORD

06/25/07	5607-5614'	4 JSPF	28 holes
06/28/07	5055-5064'	4 JSPF	36 holes
06/28/07	5020-5030'	4 JSPF	40 holes
06/28/07	4735-4741'	4 JSPF	24 holes
06/28/07	4679-4685'	4 JSPF	24 holes
06/28/07	4602-4610'	4 JSPF	32 holes

NEWFIELD**ASHLEY 16-26-9-15**

491' FSL & 563' FEL

SE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32913; Lease # UTU-66185

Ashley Federal 12-25-9-15

Spud Date: 09/28/06
Put on Production: 01/03/07
K.B.: 6429 G.L.: 6417

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.60')
DEPTH LANDED: 322.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5888.20')
DEPTH LANDED: 5887.45' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 161 jts (5049.48')
TUBING ANCHOR: 2.80' 5061.48'
NO. OF JOINTS: 3 jts (94.77')
SEATING NIPPLE: 1.10
SN LANDED AT: (5159.05')
NO. OF JOINTS: 2 jts (63.35')
TOTAL STRING LENGTH: EOT @ 5223.95'

SUCKER RODS

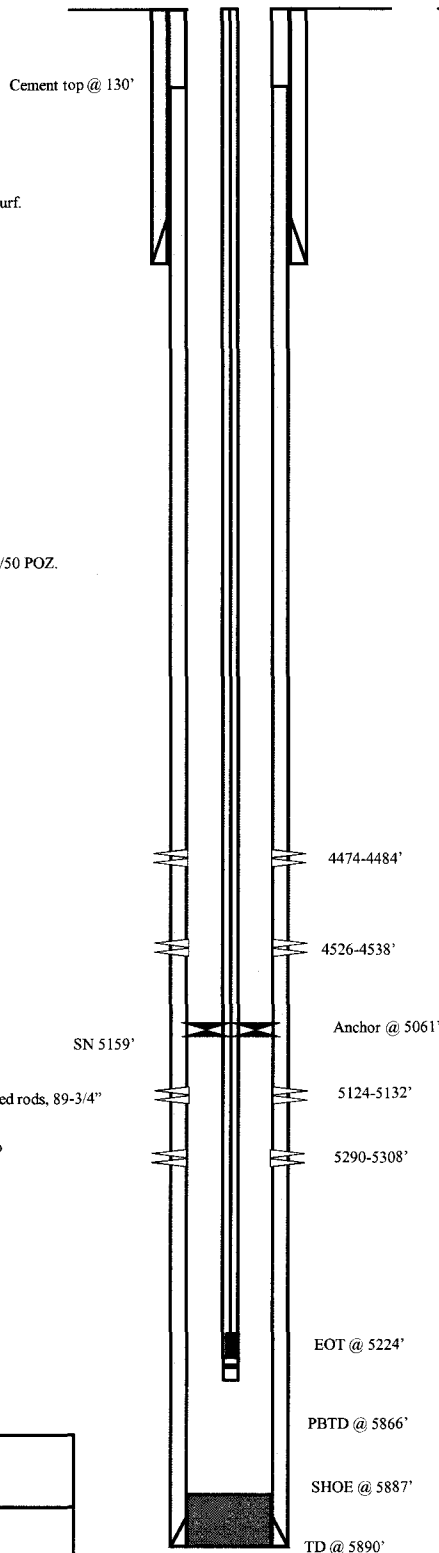
POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1- 2', 1-6' x 3/4" pony rod, 100-3/4" scraped rods, 89-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2" RHAC pump rod pump
STROKE LENGTH: 86"
PUMP SPEED: 5 SPM

FRAC JOB

12/21/06	5290-5308'	Frac LODC sands as follows: 97293# 20/40 sand in 739 bbls Lightning 17 frac fluid. Treated @ avg press of 2215 psi w/avg rate of 25 BPM. ISIP 2480 psi. Calc flush: 5306 gal. Actual flush: 5166 gal.
02/19/07		Recompletion
02/20/07	5124-5132'	Frac LODC sands as follows: 35230# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2771 psi w/avg rate of 21.0 BPM. ISIP 2640 psi. Calc flush: 5122 gal. Actual flush: 4536 gal.
02/21/07	4526-4484'	Frac D1 & D2 sands as follows: 45412# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1817 psi w/avg rate of 24.3 BPM. ISIP 1805 psi. Calc flush: 4524 gal. Actual flush: 4368 gal.
7/13/07		Pump change. Updated Tubing & Rod detail.

PERFORATION RECORD

12/15/06	5290-5308'	4 JSPF	72 holes
02/20/07	5124-5132'	4 JSPF	32 holes
02/20/07	4526-4538'	4 JSPF	48 holes
02/20/07	4474-4484'	4 JSPF	40 holes



Ashley Federal 12-25-9-15

1985' FSL & 676' FWL
NW/SW Section 25-T9S-R15E
Duchesne Co, Utah
API #43-013-32886; Lease #UTU-66185

Ashley Federal 14-25-9-15

Spud Date: 10-26-06
Put on Production: 2-14-07
GL: 6345' KB: 6357'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (313.75')
DEPTH LANDED: 323.75'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est circ 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 127 jts (5621.53')
DEPTH LANDED: 5619.53'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
CEMENT TOP AT: 96' per CBL 2/1/07

TUBING (KS 10/26/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5246.1')
TUBING ANCHOR: 5258.1'
NO. OF JOINTS: 2 jts (64.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5325'
NO. OF JOINTS: 1 jts (31.6')
GAS ANCHOR: 5357.8'
SN LANDED AT: 5363'
NO. OF JOINTS: 3 jts (94.7')
TOTAL STRING LENGTH: EOT @ 5459'

SUCKER RODS (KS 10/26/10)

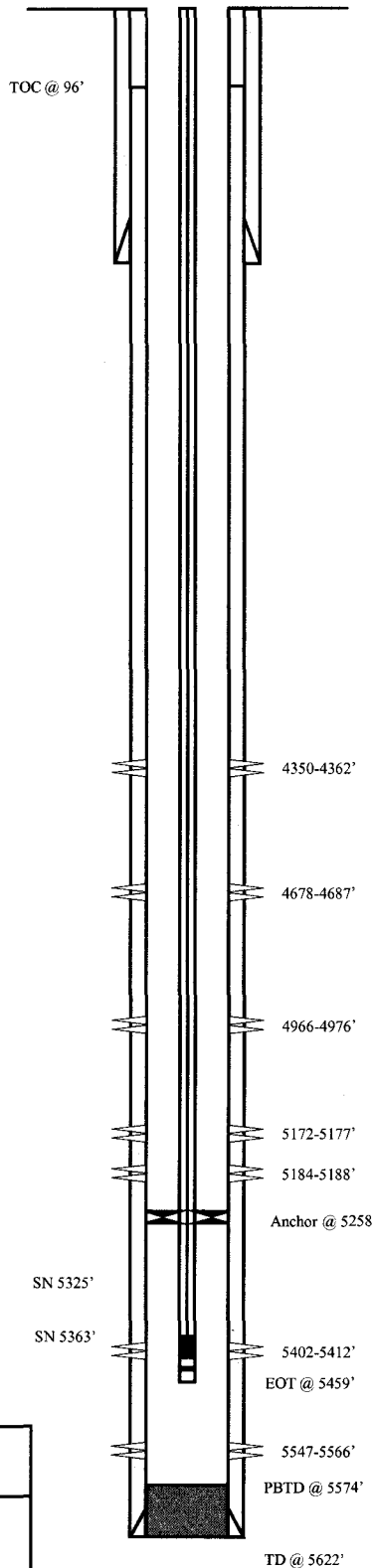
POLISHED ROD: 1-1/2" x 26' Polished Rod
SUCKER RODS: 2' x 3/4" Pony Rod, 98 x 3/4" Guided Rods,
68 x 3/4" Sucker Rods, 40 x 3/4" 4per Guided Rods, 6 x 1-1/2"
Sinker Bars
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4
PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

02-06-07	5547-5566'	Frac CP5 sands as follows: 90500# 20/40 sand in 679 bbls Lightning 17 frac fluid. Treated @ avg press of 2431 psi w/avg rate of 24.8 BPM. ISIP 2858 psi. Calc flush: 5545 gal. Actual flush: 5040 gal.
02-07-07	5402-5412'	Frac CP3 sands as follows: 21447# 20/40 sand in 309 bbls Lightning 17 frac fluid. Treated @ avg press of 2289 psi w/avg rate of 24 BPM. ISIP 2228 psi. Calc flush: 5400 gal. Actual flush: 4872 gal.
02-07-07	4966-4976'	Frac LODC5 sands as follows: 21654# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2335 psi w/avg rate of 23.8 BPM. ISIP 2176 psi. Calc flush: 4964 gal. Actual flush: 4452 gal.
02-07-07	4678-4687'	Frac A .5 sands as follows: 42411# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2200 w/ avg rate of 23.8 BPM. ISIP 1711 psi. Calc flush: 4676 gal. Actual flush: 4410 gal.
02-07-07	4350-4362'	Frac D1 sands as follows: 53646# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 1587 w/ avg rate of 25 BPM. ISIP 1711 psi. Calc flush: 4348 gal. Actual flush: 4242 gal.
11/25/08		Tubing Leak. Updated rod & tubing details.
1/15/2010		Tubing Leak. Updated rod and tubing detail.
03/12/2010		Workover. Updated rod and tubing detail.
10/28/10	5172-5188'	Frac LODC sands as follows: 63746# 20/40 sand in 354 bbls Lightning 17 fluid.
11/01/10		Recompletion

PERFORATION RECORD

01-01-07	5547-5566'	4 JSPF	76 holes
01-06-07	5402-5412'	4 JSPF	40 holes
00-07-07	4966-4976'	4 JSPF	40 holes
02-07-07	4678-4687'	4 JSPF	36 holes
02-07-07	4350-4362'	4 JSPF	48 holes
10-28-10	5184-5188'	3 JSPF	12 holes
10-28-10	5172-5177'	3 JSPF	15 holes



Ashley Federal 14-25-9-15

336' FSL & 1808' FWL

SE/SW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32912; Lease # UTU-66185

Ashley Federal 9-26-9-15

Spud Date: 9/26/06
 Put on Production: 11/15/06
 K.B.: 6483' G.L.: 6471'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8" TOC @ 96'
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.84')
 DEPTH LANDED: 322.69' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5913.65')
 DEPTH LANDED: 5926.90' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 96'

TUBING


SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4529.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4541.7' KB
 CE @ 4546.12'
 TOTAL STRING LENGTH: EOT @ 4550' w/ 12' KB

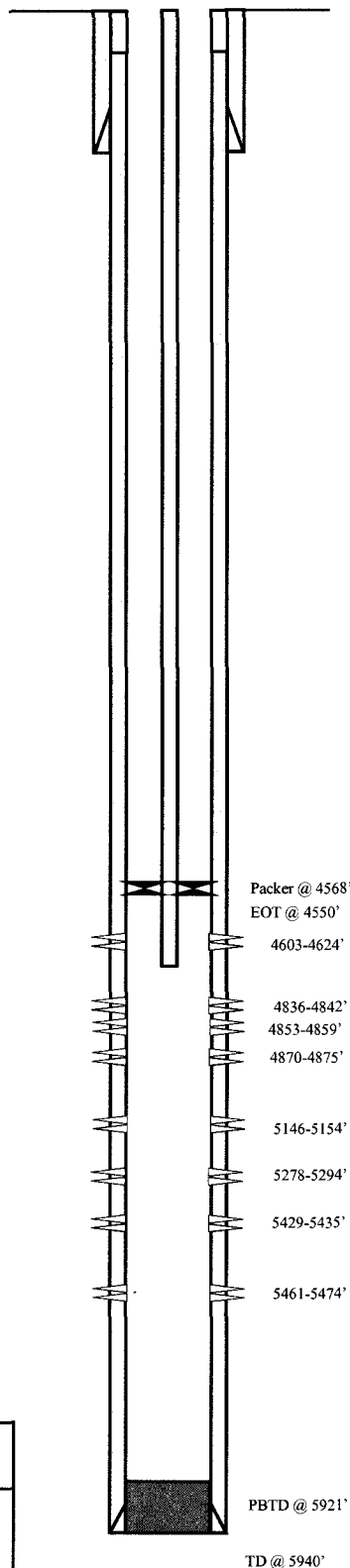
FRAC JOB

11/01/06	5429-5474'	Frac CP2, CP3 sands as follows: 29378# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2035 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5472 gal. Actual flush: 4922 gal.
11/01/06	5278-5294'	Frac LODC sands as follows: 50541# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 24.7 BPM. 3060 psi. Calc flush: 5292 gal. Actual flush: 4771 gal.
11/01/06	5146-5154'	Frac LODC sands as follows: 19886# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3342 psi w/avg rate of 20.2 BPM. ISIP 2700 psi. Calc flush: 5152 gal. Actual flush: 4637 gal.
11/02/06	4836-4875'	Frac A1 sands as follows: 60108# 20/40 sand in 474 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.3 BPM. ISIP 1900 psi. Calc flush: 4873 gal. Actual flush: 4330 gal.
11/01/06	4603-4624'	Frac B.5 sands as follows: 103709# 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25.4 BPM. ISIP 1900 psi. Calc flush: 4622 gal. Actual flush: 4494 gal.
1/23/09		Parted Rods. Updated r & t details.
10/29/10		Convert to Injection well
11/4/10		Conversion MIT Completed - tbg detail updated

PERFORATION RECORD

10/26/06	5461-5474'	13 JSPF	52 holes
10/26/06	5429-5435'	4 JSPF	24 holes
11/01/06	5278-5294'	4 JSPF	64 holes
11/01/06	5146-5154'	4 JSPF	32 holes
11/01/06	4870-4875'	4 JSPF	20 holes
11/01/06	4853-4859'	4 JSPF	24 holes
11/01/06	4836-4842'	4 JSPF	24 holes
11/02/06	4603-4624'	4 JSPF	84 holes


Ashley Federal 9-26-9-15 2042' FSL & 618' FEL NE/SE Section 26-T9S-R15E Duchesne Co, Utah API #43-013-32902; Lease #UTU-66185



Ashley Federal 10-26-9-15

Spud Date: 9-19-06
Put on Production: 11-02-06
GL: 6485' KB: 6497'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (312.06')
DEPTH LANDED: 322.06'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136jts (5925.97')
DEPTH LANDED: 5923.97'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350sxs Premilite II & 400sxs 50/50 POZ.
CEMENT TOP AT: 80' per CBL 10/23/06

TUBING (KS 11/2/06)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173jts (5428.19')
TUBING ANCHOR: 5440.19' KB
NO. OF JOINTS: 2jts (63.23')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5506.22' KB
NO. OF JOINTS: 2jts (63.18')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5570.95' KB

SUCKER RODS (KS 11/2/06)

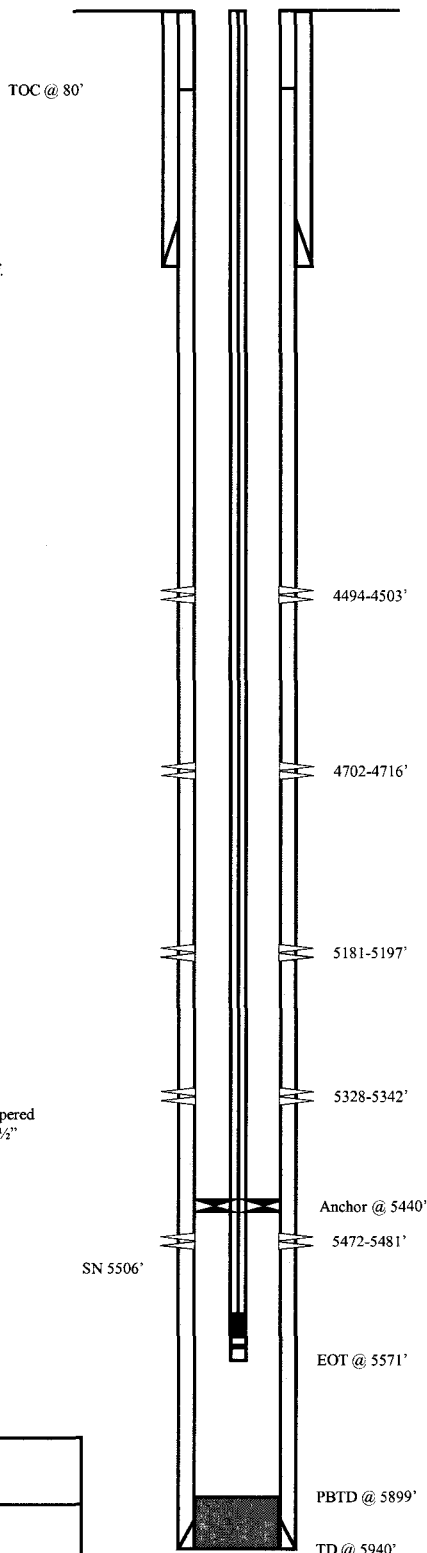
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4", 6", 8" x 3/4" Pony Rods, 100 x 3/4" Scrapered Rods, 103 x 3/4" Slick Rods, 10 x 3/4" Scrapered Rods, 6 x 1-1/2" Weight Bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5
PUMPING UNIT: AMERICAN C-320-213-86

FRAC JOB

10-26-06	5472-5481'	Frac CP1 sands as follows: 24622# 20/40 sand in 328 bbls Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4998 gal. Actual flush: 5470 gal.
10-26-06	5328-5342'	Frac LODC sands as follows: 36161# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2195 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4830 gal. Actual flush: 5326 gal.
10-26-06	5181-5197'	Frac LODC sands as follows: 34702# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2458 psi w/avg rate of 27.5 BPM. ISIP 2650 psi. Calc flush: 4704 gal. Actual flush: 5179 gal.
10-26-06	4702-4716'	Frac B1 sands as follows: 90207# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4200 gal. Actual flush: 4700 gal.
10-26-06	4494-4503'	Frac D1 sands as follows: 20438# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 w/avg rate of 25 BPM. ISIP 1780 psi. Calc flush: 4368 gal. Actual flush: 4492 gal.

PERFORATION RECORD

10-23-06	5472-5481'	4 JSPF	36 holes
10-26-06	5328-5342'	4 JSPF	56 holes
10-26-06	5181-5197'	4 JSPF	64 holes
10-26-06	4702-4716'	4 JSPF	56 holes
10-26-06	4494-4503'	4 JSPF	36 holes

**NEWFIELD****Ashley Federal 10-26-9-15**

1080' FSL & 1974' FEL

NW/SE Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32903; Lease # UTU-66185

Ashley Federal 15-26-9-15

Spud Date: 9-08-06

Put on Production: 10-25-06

GL: 6446' KB: 6458'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (311.1')

DEPTH LANDED: 322.95' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts (5841.04')

DEPTH LANDED: 5840.29' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 123'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 136 jts (4284.7')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4296.7' KB

CE @ 4301.13'

TOTAL STRING LENGTH: EOT @ 4305' KB

Injection Wellbore Diagram

Cement top @ 123'

Packer @ 4301'
EOT @ 4305'

4366-4372'

4403-4407'

4616-4623'

4664-4668'

4678-4695'

4759-4761'

5224-5243'

5591-5610'

PBTD @ 5794'

TD @ 5845'

FRAC JOB

10-18-06	5591-5610'	Frac CP5 sands as follows: 64152# 20/40 sand in 530 bbls Lightning 17 frac fluid. Treated @ avg press of 2360 psi w/avg rate of 24.8 BPM. ISIP 2820 psi. Calc flush: 5086 gal. Actual flush: 5589 gal.
10-18-06	5224-5243'	Frac LODC sands as follows: 79987# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 24.8 BPM. ISIP 2700 psi. Calc flush: 4704 gal. Actual flush: 5222 gal.
10-18-06	4616-4695'	Frac B1, & B2 sands as follows: 119451# 20/40 sand in 831 bbls Lightning 17 frac fluid. Treated @ avg press of 1615 psi w/avg rate of 25 BPM. ISIP 1910 psi. Calc flush: 4112 gal. Actual flush: 4614 gal.
10-19-06	4366-4407'	Frac DS1, & C sands as follows: 33573# 20/40 sand in 362 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/ avg rate of 15.1 BPM. ISIP 1590 psi. Calc flush: 4242 gal. Actual flush: 4364 gal.
2/2/2010		Parted rods. Updated rod and tubing detail.
10/4/2010		Parted rods. Update rod and tubing detail.
10/22/10	4759-4829'	Frac A1 & A.5 sands as follows: 65282# 20/40 sand in 510 Lighting 17 fluid.
10/27/10		Re-Completion
5/10/11		Convert to Injection well
5/19/11		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

10-10-06	5591-5610'	4 JSPF	76 holes
10-18-06	5224-5243'	4 JSPF	76 holes
10-18-06	4678-4695'	4 JSPF	68 holes
10-18-06	4664-4668'	4 JSPF	16 holes
10-18-06	4616-4623'	4 JSPF	28 holes
10-18-06	4403-4407'	4 JSPF	16 holes
10-18-06	4366-4372'	4 JSPF	24 holes
10/22/10	4826-4829'	3 JSPF	9 holes
10/22/10	4805-4808'	3 JSPF	9 holes
10/22/10	4759-4761'	3 JSPF	6 holes

NEWFIELD

Ashley Federal 15-26-9-15

613' FSL & 1688' FEL

SW/SE Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32908; Lease # UTU-66185

Ashley Federal 13-25-9-15

Spud Date: 10/27/2006
Put on Production:
GL: 6379' KB: 6391'

Wellbore Diagram

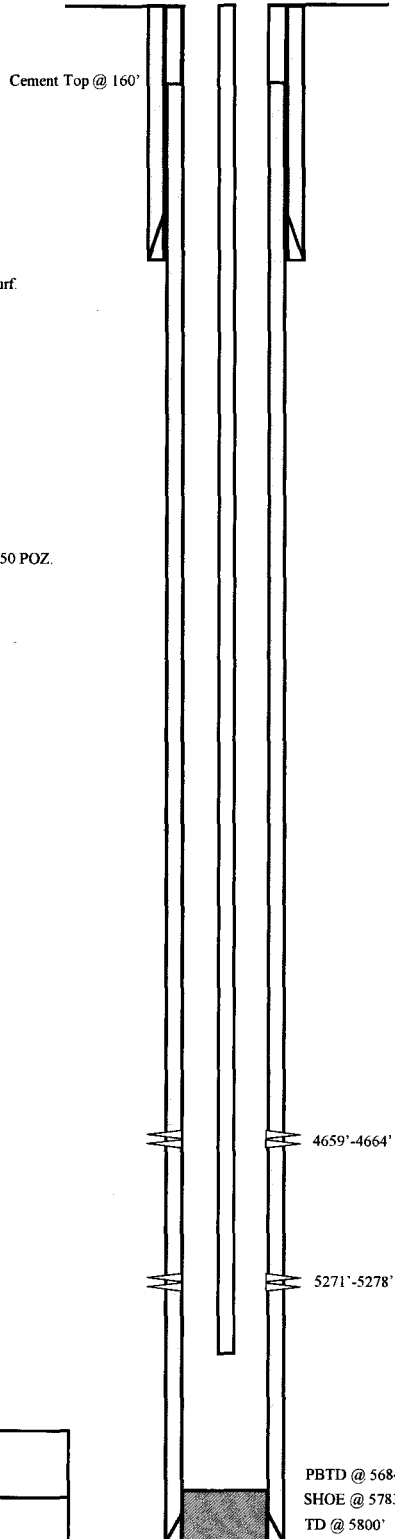
Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.73')
DEPTH LANDED: 323.63' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5769.86')
DEPTH LANDED: 5783.11' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
CEMENT TOP: 160'



PROPOSED PERFORATIONS

5278'-5271'	4 JSPF
4664'-4659'	4 JSPF



Ashley Federal 13-25-9-15

761' FSL & 488' FWL

SW/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32911; Lease #UTU-66185

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **ASHLEY 16-26-9-15**

Sample Point:

Sample Date: **9/3/2013**Sample ID: **WA-252717**Sales Rep: **Michael McBride**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	9/11/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	2956.00	Chloride (Cl):	5000.00
System Pressure 1 (psig):	60	Potassium (K):	24.00	Sulfate (SO4):	0.00
System Temperature 2 (°F):	210	Magnesium (Mg):	2.50	Bicarbonate (HCO3):	2318.00
System Pressure 2 (psig):	60	Calcium (Ca):	8.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.004	Strontium (Sr):	2.10	Acetic Acid (CH3COO)	
pH:	9.00	Barium (Ba):	6.60	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	10336.32	Iron (Fe):	4.00	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.09	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	15.00	Manganese (Mn):	0.05	Silica (SiO2):	14.98

Notes:

B=5 AI=.04 LI=.7

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.85	6.90	0.00	0.00	4.25	2.21	3.60	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.37	0.05
200.00	60.00	1.80	6.89	0.00	0.00	4.24	2.21	3.55	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.45	0.05
190.00	60.00	1.75	6.87	0.00	0.00	4.23	2.21	3.50	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.54	0.05
180.00	60.00	1.71	6.86	0.00	0.00	4.22	2.21	3.45	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.64	0.05
170.00	60.00	1.66	6.84	0.00	0.00	4.22	2.21	3.40	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.74	0.05
160.00	60.00	1.62	6.82	0.00	0.00	4.23	2.21	3.34	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.85	0.05
150.00	60.00	1.58	6.81	0.00	0.00	4.24	2.21	3.29	2.91	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.05
140.00	60.00	1.54	6.79	0.00	0.00	4.26	2.21	3.23	2.91	0.00	0.00	0.00	0.00	0.00	0.00	10.09	0.05
130.00	60.00	1.50	6.77	0.00	0.00	4.29	2.21	3.18	2.91	0.00	0.00	0.00	0.00	0.00	0.00	10.23	0.05
120.00	60.00	1.47	6.75	0.00	0.00	4.32	2.21	3.12	2.91	0.00	0.00	0.00	0.00	0.00	0.00	10.38	0.05

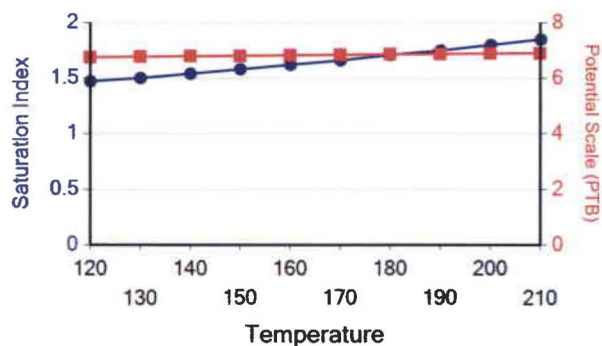
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.06	0.00	0.00	6.91	4.97	3.54	7.74	14.18	3.11
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.06	0.00	0.00	6.52	4.96	3.32	7.70	13.91	3.11
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.06	0.00	0.00	6.14	4.95	3.10	7.64	13.64	3.11
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.06	0.00	0.00	5.74	4.94	2.88	7.54	13.37	3.11
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.06	0.00	0.00	5.34	4.91	2.66	7.41	13.10	3.11
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	0.06	0.00	0.00	4.93	4.88	2.43	7.22	12.83	3.11
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.06	0.00	0.00	4.52	4.84	2.21	6.99	12.56	3.11
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.06	0.00	0.00	4.11	4.77	1.98	6.69	12.30	3.11
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.06	0.00	0.00	3.70	4.69	1.76	6.34	12.03	3.11
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.06	0.00	0.00	3.28	4.57	1.53	5.93	11.78	3.11

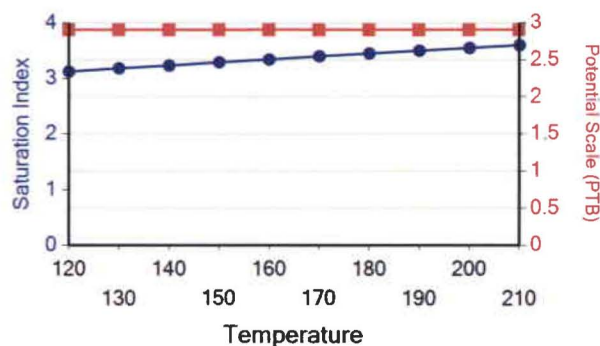
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

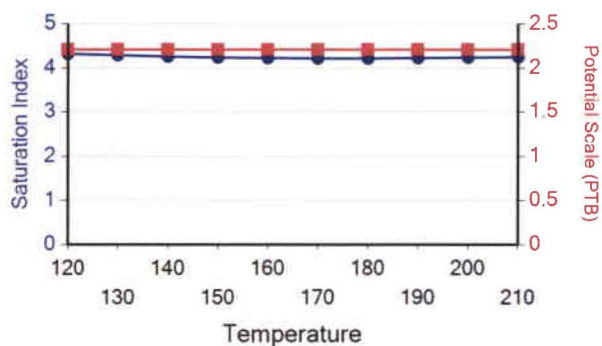
Calcium Carbonate



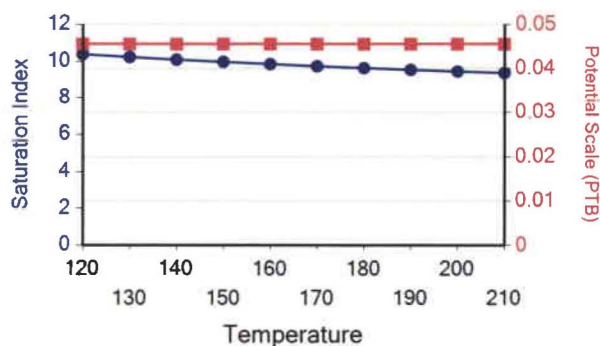
Iron Carbonate



Iron Sulfide

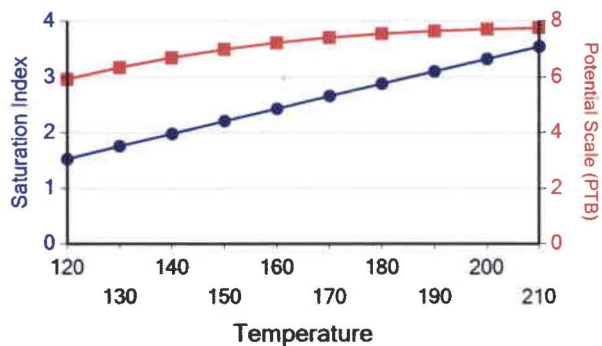


Zinc Sulfide

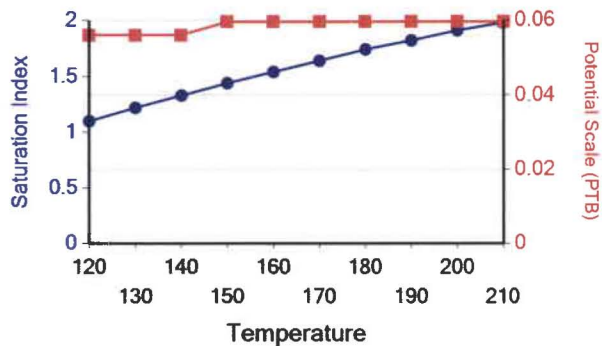


Water Analysis Report

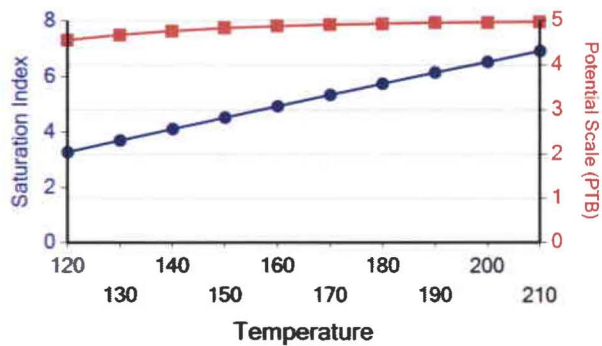
Ca Mg Silicate



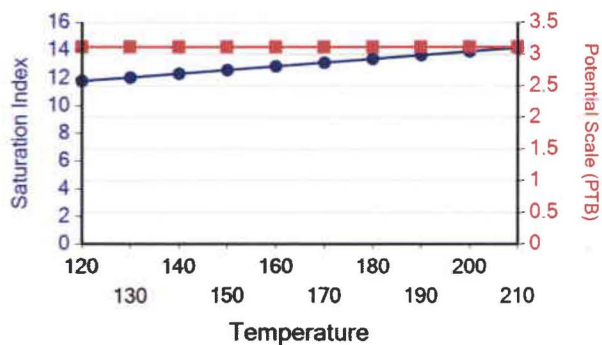
Zinc Carbonate



Mg Silicate



Fe Silicate



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **BELUGA INJ FACILITY**
 Sample Point: **Commingled After**
 Sample Date: **11/4/2013**
 Sample ID: **WA-257478**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/11/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300	Sodium (Na):	2661.00	Chloride (Cl):	5000.00
System Pressure 1 (psig):	1300	Potassium (K):	34.00	Sulfate (SO4):	266.00
System Temperature 2 (°F):	70	Magnesium (Mg):	24.00	Bicarbonate (HCO3):	1654.00
System Pressure 2 (psig):	15	Calcium (Ca):	46.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.004	Strontium (Sr):	4.90	Acetic Acid (CH3COO)	
pH:	8.30	Barium (Ba):	3.90	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	9712.71	Iron (Fe):	1.23	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.33	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	224.00	Lead (Pb):	0.08	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	9.00	Manganese (Mn):	0.36	Silica (SiO2):	16.91

Notes:

B=4.9 AI=.07 LI=.58

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.36	34.40	1.80	2.29	3.26	0.68	1.61	0.87	0.00	0.00	0.00	0.00	0.00	0.00	10.92	0.17
95.00	157.00	1.40	34.75	1.56	2.26	3.05	0.68	1.75	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.41	0.17
121.00	300.00	1.48	35.82	1.38	2.23	2.93	0.68	1.90	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.17
146.00	443.00	1.57	36.86	1.25	2.19	2.87	0.68	2.04	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.66	0.17
172.00	585.00	1.68	37.77	1.16	2.16	2.86	0.68	2.19	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.17
197.00	728.00	1.81	38.51	1.10	2.13	2.88	0.68	2.32	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.16	0.17
223.00	871.00	1.94	39.07	1.06	2.12	2.94	0.68	2.45	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.17
248.00	1014.00	2.09	39.48	1.05	2.12	3.03	0.68	2.56	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.17
274.00	1157.00	2.24	39.75	1.06	2.12	3.13	0.68	2.67	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.69	0.17
300.00	1300.00	2.39	39.94	1.08	2.13	3.25	0.68	2.76	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.17

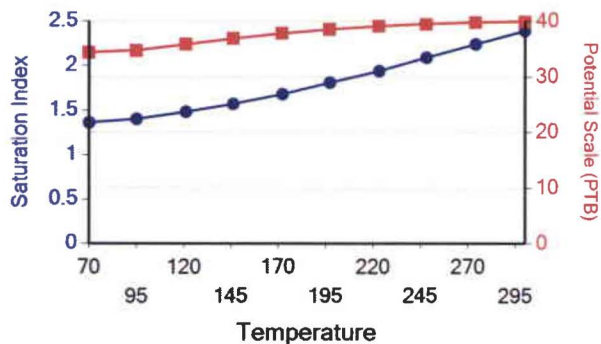
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.09	12.71	0.03	0.28	1.78	0.00	0.00	5.30	0.94
95.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.16	11.88	0.03	1.28	6.70	0.20	1.31	5.82	0.95
121.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.20	11.19	0.03	2.42	11.92	0.83	4.31	6.53	0.95
146.00	443.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.21	10.60	0.03	3.60	16.34	1.49	6.86	7.30	0.95
172.00	585.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.21	10.11	0.03	4.78	19.10	2.16	8.69	8.11	0.95
197.00	728.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.22	9.69	0.03	5.93	20.16	2.83	9.75	8.94	0.96
223.00	871.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.22	9.33	0.03	7.06	20.43	3.49	10.27	9.76	0.96
248.00	1014.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.22	9.03	0.03	8.12	20.49	4.12	10.50	10.55	0.96
274.00	1157.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.22	8.76	0.03	9.12	20.50	4.71	10.60	11.29	0.96
300.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.22	8.53	0.03	10.04	20.50	5.25	10.64	11.98	0.96

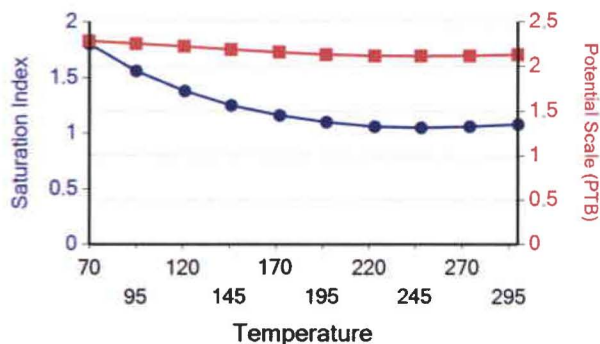
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

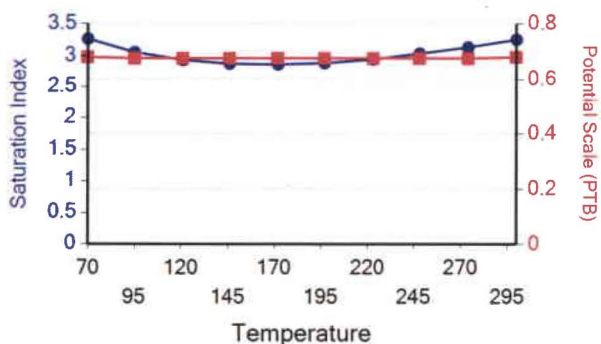
Calcium Carbonate



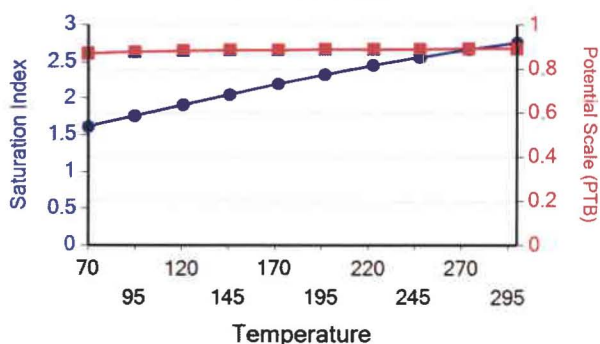
Barium Sulfate



Iron Sulfide

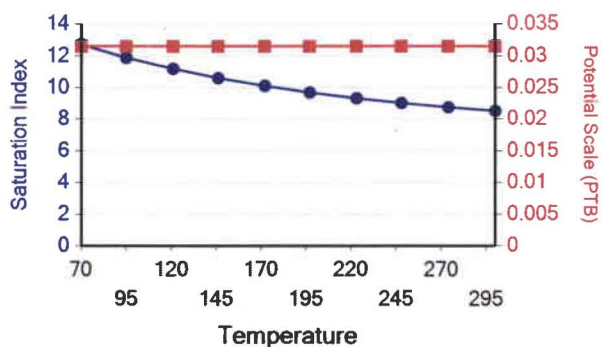


Iron Carbonate

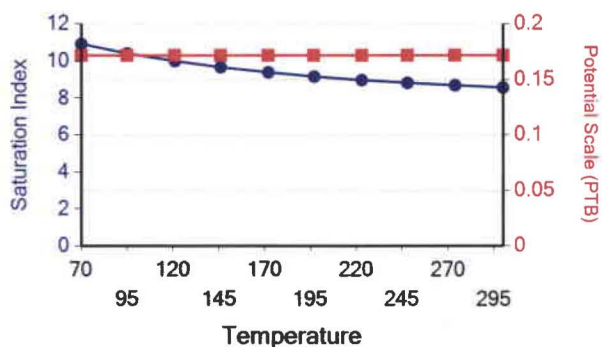


Water Analysis Report

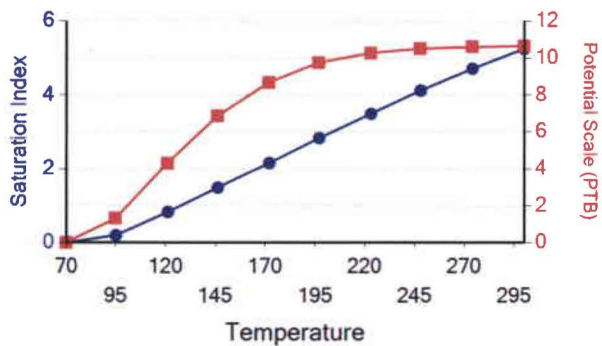
Lead Sulfide



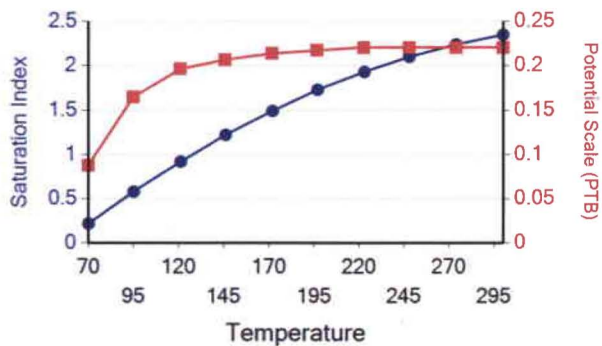
Zinc Sulfide



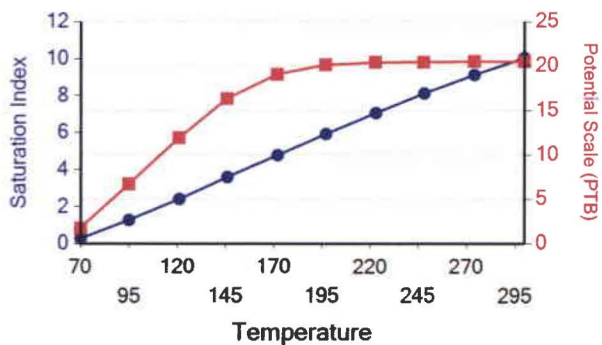
Ca Mg Silicate



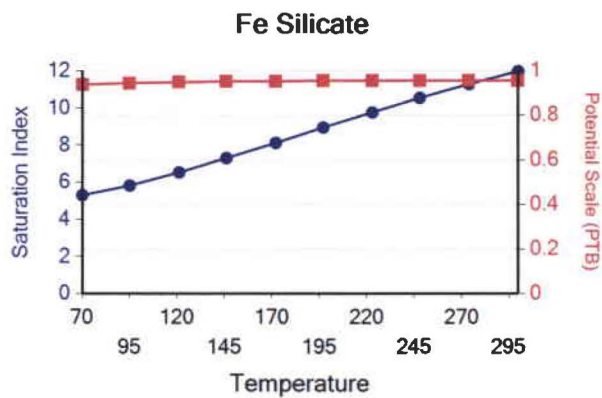
Zinc Carbonate



Mg Silicate



Water Analysis Report



Attachment "G"

**Federal #16-26-9-15
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient	Pmax
Top	Bottom			(psi/ft)	
5607	5614	5611	2825	0.94	2789
5020	5064	5042	2534	0.94	2501
4679	4741	4710	1717	0.80	1687 ←
4602	4610	4606	1989	0.87	1959
				Minimum	<u><u>1687</u></u>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

ASHLEY 16-26-9-15

5/1/2007 To 9/30/2007

6/26/2007 Day: 1

Completion

Rigless on 6/25/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5724' & cement top @ 120'. Perforate stage #1. CP5 sds @ 5607-5614' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. 138 BWTR. SIFN.

6/29/2007 Day: 2

Completion

Rigless on 6/28/2007 - RU BJ Services. 15 psi on well. Frac CP5 sds w/ 29,909#'s of 20/40 sand in 384 bbls of Lightning 17 fluid. Broke @ 3412 psi. Treated w/ ave pressure of 2598 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2825 psi. Leave pressure on well. 384 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10' & 9' perf gun. Set plug @ 5170'. Perforate LODC sds @ 5020-30' & 5055-64' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 76 shots. RU BJ Services. 2205 psi on well. Frac LODC sds w/ 140,353#'s of 20/40 sand in 965 bbls of Lightning 17 fluid. Broke @ 3205 psi. Treated w/ ave pressure of 2307 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2534 psi. Leave pressure on well. 965 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2- 6' perf gun. Set plug @ 4840'. Perforate A.5 sds @ 4735-41' & B2 sds @ 4679-85' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 2300 psi on well. Frac B2 & A.5 sds w/ 28,132#'s of 20/40 sand in 361 bbls of Lightning 17 fluid. Broke @ 3906 psi. Treated w/ ave pressure of 2019 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1717 psi. Leave pressure on well. 361 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 8' perf gun. Set plug @ 4650'. Perforate C sds @ 4602-10' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 150 psi on well. Perfs would not break. RU Lone Wolf WL. Dump bail acid on perfs. RU BJ Services. 84 psi on well. Frac C sds w/ 44,711#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3295 psi. Treated w/ ave pressure of 1960 psi @ ave rate of 24.7 BPM. ISIP 1989 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 2 hrs. & died. Recovered 100 bbls. SWIFN.

7/3/2007 Day: 3

Completion

NC #2 on 7/2/2007 - MIRU NC #2. ND 5000# Cameron BOPs & frac head. NU 3000# production wellhead & BOPs. RU rig floor. PU 2 7/8" J-55 6.5# tbg from pipe racks (tallying & drifting). Tag fill @ 4580'. RU pump lines. SWIFN.

7/5/2007 Day: 4

Completion

NC #2 on 7/4/2007 - RU power swivel. Clean out to plug @ 4650'. Drill up plug in 35 minutes & circulate well clean. TIH & tag sand @ 4690'. Clean out to plug @ 4840'. Drill up plug in 37 minutes & circulate well clean. TIH & tag sand @ 5050'. Clean out

to plug @ 5170'. Drill up plug in 34 minutes & circulate well clean. TIH & tag fill @ 5655'. Clean out to PBTD @ 5763' & circulate well clean. RU swab equipment. Made two swab runs w/ SFL @ surface & EFL @ 600'. SWIFN.

7/6/2007 Day: 5

Completion

NC #2 on 7/5/2007 - RIH w/swab. Made 20 swab runs w/ SFL @ surface. Recovered 180 total bbls, 177 BW & 3 bbls of oil. Finishing w/ 5% oil cut, good show of gas, no show of sand. EFL @ 1100'. RD swab. TIH to PBTD @ 5763'. Circulate well clean. LD 2- jts tbg. TOOH w/ tbg & LD BHA. TIH w/ production tbg as follow: 2 7/8" NC, 2- jts 2 7/8 J-55 6.5# tbg, SN, 1- jt 2 7/8 tbg, TA, 180 jts 2 7/8 tbg. RD rig floor. ND BOPs. Set TA @ 5589' w/ 15000# tension. NU wellhead. SWIFN.

7/7/2007 Day: 6

Completion

NC #2 on 7/8/2007 - Flush tbg w/ 60 BW. X- over for rods. PU & prime CDI 2 1/2" X 1 1/2" X 16' X 20' RHAC rod pump. TIH w/ "A" grade rod string as detailed below (PU from trailer). Space out rods & seat rod pump. Fill tbg w/ 3 BW & test to 200 psi. Stroke test rod pump to 800 psi w/ rig (due to repairs needed on Ajax engine). RU pumping unit & hang off rods. RD rig pump & pump lines. RDMO NC#2. PWOP @ 3:00 PM w/ 102" stroke length & 5 1/2 SPM, after needed repairs were completed on Ajax. Est. 2310 BWTR. Final Report.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4552'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 186' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 354'

The approximate cost to plug and abandon this well is \$42,000.

ASHLEY 16-26-9-15

Spud Date: 06/01/07
Put on Production: 07/06/07

GL: 6432' KB: 6444'

SURFACE CASING

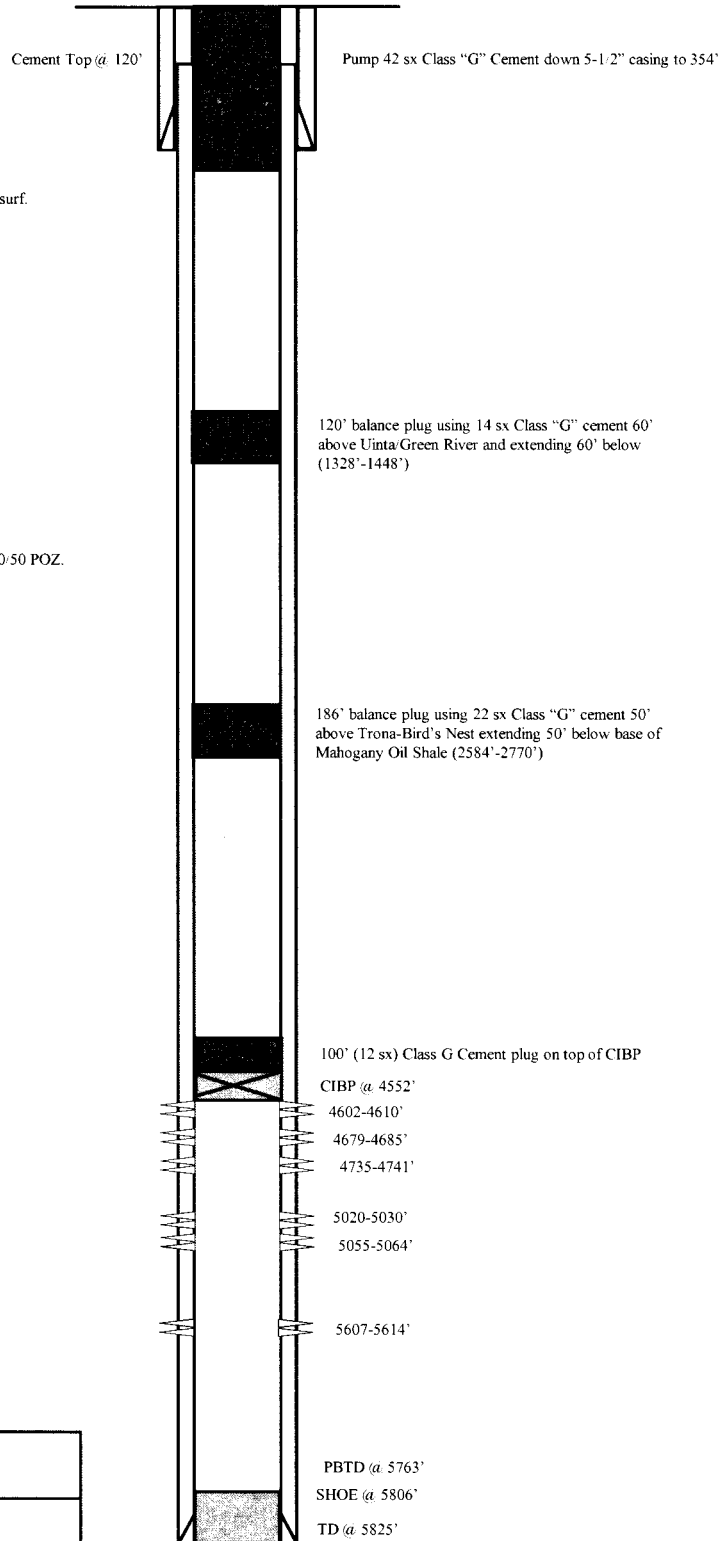
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292.08')
DEPTH LANDED: 303.93' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5792.27')
DEPTH LANDED: 5805.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 120'

Proposed P & A Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD



NEWFIELD

ASHLEY 16-26-9-15

491' FSL & 563' FEL

SE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32913; Lease # UTU-66185